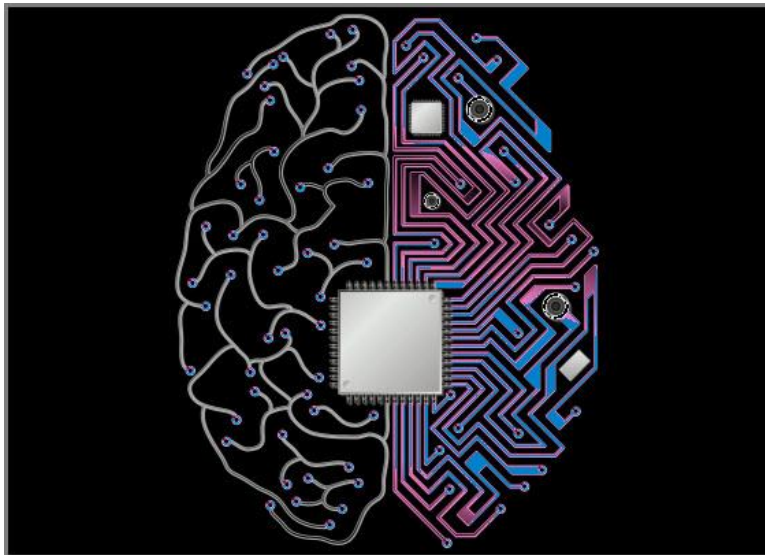


Bioengineering Careers Fair 2018

Tuesday 20th November, 5-8pm



Careers fair specialising in Bioengineering associated companies and organised by the Department of Bioengineering and the Bioengineering Society.

Venue:

Queens Tower Rooms

Ground Floor, Sherfield Building

Imperial College, London SW7 2AZ

Companies attending:

1. ADAPTIX
2. BLACKTRACE GROUP (TBC)
3. CAMSTENT
4. CBAS
5. CCG AI
6. CORIN
7. CUSTOMEM
8. DEALLUS
9. EAVE
10. EVONETIX
11. FUEL 3D
12. GAITSMART
13. GOLDMAN SACHS TECHNOLOGY
14. GRIPABLE
15. HGF
16. ILLUMINA
17. IMPERIAL COLLEGE CAREERS SERVICE
18. LINKAM SCIENTIFIC
19. MEDOPAD
20. MIRADA MEDICAL
21. MOM INCUBATORS
22. NEWTON COLMORE
23. NHS CLINICAL SCIENCE
24. OVAL MEDICAL
25. PA CONSULTING
26. PAC MED
27. PATHFINDER MEDICAL
28. PLEXTEK
29. PM GROUP
30. TEAM CONSULTING



Imperial Bioengineering Society Sponsor:

MedEngine

MedEngine is a Berlin based MedTech startup that develops sensor based medical devices, infrastructure and software. We work with patients and clinicians to provide tailored healthcare solutions.

Get in touch with us careers@medengine.co <https://medengine.co/#/>



ADAPTIX

<https://www.adaptiximaging.com/>

Adaptix are revolutionising the way 3D images are obtained. Adaptix devices give 3D information which is better than a normal 2D X-ray. Instead of transporting a patient to an expensive CT scanner, their devices are small and light enough to be brought to the patient and quickly give 3D information for a much lower dose of radiation than CT.

Opportunities: summer internships

Representative: Dr Steve Wells, Head of Software Engineering

BLACKTRACE GROUP (To be confirmed)

<https://www.blacktrace.com/>

Blacktrace designs, develops and manufactures innovative, premium quality scientific products for use in the life sciences and medical devices industries. Their brands include Dolomite Microfluidics, Particle Works (nano and microstructured materials), Dolomite Bio (technology for biologists), Syrris, Glass Solutions and Centeo. They also offer range of technical services to manufacturers.

Opportunities: Graduate jobs in design engineering, software engineering as well as internships.



CAMSTENT

<http://camstent.com/>

Camstent Ltd. is a platform medical materials and coating process company based in Cambridge, UK. Patent protected coatings are applied to indwelling consumable medical products, such as catheters, tubes, and stents, which greatly reduce biofilm and mineral accumulation, thereby helping to prevent injury and infections. The Company is entering the market with unique products that are approved for manufacture and sale, shown to be clinically efficacious.

Opportunities: Camstent is expanding and is interested in hearing from Bioengineers with polymer materials or medical marketing specialisms for full time roles and internships. Camstent are also looking for recruits with skills in biofilms / microbiology testing.

CAMBRIDGE BIO-AUGMENTATION SYSTEMS

CBAS

<https://cbas.global/>

Cambridge Bio-Augmentation Systems:

Cambridge Bio-Augmentation Systems (CBAS) is developing the platform technology for the future of bionics, standardizing the connection between machines and the human nervous system for medical use. We are solving the complex problems of successfully integrating and communicating with the human body using a combination of applied materials, machine learning and AI, neuroscience, software design, and advanced surgical techniques. Our mission is to create the open standard platform to support high functionality neural & bionic treatments, making it easy for clinicians, engineers and researchers to develop and deliver superior treatments to patients.

Opportunities: Joining CBAS means joining an incredibly talented and motivated group of people who share our vision of pioneering an industry and changing the lives of millions of people for the better. Team members range from highly talented engineers and developers to experienced clinicians. We are looking for graduate Machine Learning developers and Electro-mechanical engineers and also offer mechanical, electronics, software and ML internships.



CAMBRIDGE CANCER GENOMICS

CAMBRIDGE
CANCER GENOMICS

<http://ccg.ai/>

Cambridge Cancer Genomics is a leading precision medicine start-up, creating intelligent software to enable oncologists to monitor response to cancer therapy in near real-time. Our team uses applied bioinformatics, machine learning, genomics, and the experience of our associated oncologists and surgeons to bring low invasive 'liquid biopsies' to cancer clinics worldwide.

Opportunities: We are looking for talented individuals with a passion for data science, machine learning, bioinformatics, software and Python coding. We have full time and 3-month intern positions available. Joining CCG means joining an incredibly talented and motivated group of people that share our vision of pioneering an industry. Work at CCG is incredibly varied and we challenge ourselves daily. We work all over the world and often travel and socialise together. You'll often find us chatting through interesting problems over a coffee or beer. We are looking for people who will fit into our diverse, supportive and stimulating company team culture,

who like to overcome challenges and drive the company forwards. We believe that a great workplace is one that represents the world we live in and how beautifully diverse it can be. That means we have no judgement when it comes to any one of the things that make you who you are - your gender, race, sexuality, religion or your secret aversion to cucumber water. Experience in cancer biology and biotechnology are not required – all you need is a passion and a desire to be part of our mission.

Representative: Dr Hannah Thompson



<http://www.coringroup.com/home/>

Corin is a global leader in orthopaedic innovation, specialising in the design, development and manufacture of a wide range of medical implant solutions for hip, knee, shoulder and ankle replacement. Founded in Cirencester, Gloucestershire in the UK in 1985; We now employ over 600 people globally, turn over £120 million and are set to grow organically and via acquisition over the coming years. Our products are distributed to the USA, Australia, Japan, Asia, Europe, Latin America and the Middle East. Corin's "Connected Orthopaedic Insight" is revolutionising the orthopaedic market by using technology (OPS and RPM) to understand and provide patient data to the surgeon and healthcare providers to deliver better surgical outcomes

Vacancies: Corin will be looking for Biomedical Engineering students / graduates that have ideally specialised / completed project work in hips, knees, shoulders or ankles for 6-12 month internships as well as on a permanent capacity.

Representatives: Anna Stretch, Recruitment Manager and Biomedical Engineers
TBC



CUSTOMEM

<https://www.customem.com/>

CustoMem Ltd is a young and growing start-up company with seven full-time staff. We strive to solve the world's problem of water pollution. Our team has developed a novel bio-based adsorbent material that can selectively capture micropollutants including pesticides, pharmaceuticals and high-performance chemicals like Per- and polyfluoroalkyl substances (PFAS, PFCs) from wastewater. Our solution enables customers to adhere to increasingly stringent wastewater regulations and help to protect their local ecosystem.

Opportunities: We are looking for (bio and chemical) engineers to join our production and water testing team.

Representative: Henrik Hagemann, CEO and Founder



DEALLUS

<https://www.deallus.com/>

Deallus is a global life-sciences management consultancy, specialising in strategy and competitive analysis. Deallus works with pharmaceutical companies, biotech and medtech companies. They provide strategy consulting and competitive insights for industry leaders who define, lead and inform brand, franchise and corporate management in life science organisations.

Opportunities. Deallus will be recruiting postgraduate students to Associate roles and also to summer and winter internship positions.

Representatives: Stephanie Newman, HR Business Partner and Colleagues.



<https://www.eave.io/>

EAVE has developed an Internet of Things platform for industrial occupational health management. Our patented system uses wireless technology, sensors, digital signal processing algorithms and the most advanced hearing protection system available to

securely log and monitor use of hearing protection equipment on construction sites, energy production facilities and factories.

Opportunities: summer internships and graduate opportunities tbc.

Representative: David Greenberg, Founder and CEO

EVONETIX The Evonetix logo features the word "evonetix" in a lowercase, sans-serif font. The letter "x" is stylized with a green dot above it and a green line extending from the top of the "x" to the right.

<https://www.evonetix.com/>

Evonetix is set to revolutionise de novo gene synthesis to facilitate the fast-growing and exciting field of synthetic biology. Our technology is based upon a novel silicon array, manufactured with semiconductor microfabrication techniques and capable of independent control of 10,000 miniaturised reaction sites, allowing massive parallelism in the DNA synthesis process and therefore very high throughput.

Opportunities: Are you interested in being part of a multidisciplinary team of talented, innovative and ambitious people seeking to develop and commercialise a disruptive technology for gene synthesis? We are always on the lookout for the right people and happy to receive speculative applications from individuals. See <https://www.evonetix.com/recruitment/> for details.

Representative: Jim Patterson – Head of Electronics

FUEL 3D The Fuel3D logo consists of the words "FUEL 3D" in a bold, sans-serif font. Below "FUEL" is the tagline "SHAPING FUTURES" in a smaller, all-caps font. The "3D" is rendered in a large, bright green color.

<https://www.fuel3d.com/>

Fuel3D develops innovative 3D scanning solutions for leading global brands and pioneering organisations. Its technology is re-defining solutions across a wide range of industry sectors from medical research to security and retail. Born out of Oxford University, Fuel3D has offices on the Oxford Science Park and in Greenville, North Carolina. The company is at the forefront of innovation in 3D technologies with its core technology platform which rapidly and accurately captures and analyses texture, colour, shape and volume data, making it a world-class solution for organic subjects and human form applications.

Its flagship product BioVolume® is the world's first 3D imaging solution developed in partnership with the pharmaceutical industry to measure subcutaneous tumour growth and monitor disease progression and response to therapy in pre-clinical oncology research.

Fuel3D's cutting-edge 3D retail platform is shaping a new future for customer experience and has been designed to enable retailers to harness the power of 3D human form data to customise and personalise products and set their brands apart from the competition. Current applications include measuring facial fit for customised eyewear, sleep apnoea masks and personalised cosmetics and skincare.

Opportunities: We have full time, part time and internship opportunities for students with Computer Vision, Software Development and Data Analysis skills.

Representative: Emma Comben



GAITSMART

<http://www.gaitsmart.com/>

European Technology for Business Holdings (ETBH) Ltd. creates technological solutions for healthcare challenges by using patented micro sensor technology and proprietary data driven algorithms to measure human gait. The Company's world-leading technology is based on over 10 years of R&D and is complemented by an extensive gait database that enables the development of new applications for new markets.

The GaitSmart™ system uses 6 sensors attached to the lower body to obtain objective measurements of gait in a clinical setting. GaitSmart test results have been validated against results generated in an optical gait laboratory and, unlike the optical labs, are available within ten minutes. The Company has developed a software option for use with GaitSmart, vGym™, that pairs gait abnormalities with a range of exercises for use in personalised exercise programmes.

Opportunities: ETBH is looking for graduates or interns to join our design team to work on the next generation products.

Representative: Dr Diana Hodgins



GOLDMAN SACHS TECHNOLOGY

www.goldmansachs.com

At Goldman Sachs, your skills and experiences will create a world of possibilities for our clients. From the latest IPO and market insights to investments in clean energy

and infrastructure, each one of our teams contributes to innovations that drive progress around the world.

You will work alongside industry experts and strategic thinkers at all levels, gaining hands-on experience unlike anywhere else. All at a place where your ideas matter and your personal and professional growth are front of mind. Come embrace the opportunity to move industries, make markets and empower communities.

Goldman Sachs' Engineering business unit is a world leader in developing quantitative and technological techniques to solve complex business problems. Working within the firm's trading, operations, sales, banking and investment management divisions, strats use their mathematical and scientific training to create financial products, advise clients on transactions, measure risk, and identify market opportunities.



<http://gripable.org/>

GripAble is a spin-off company from Imperial College London that seeks to make training of hand and arm function a more enjoyable and accessible experience. Recognising a significant gap in current digital solutions, our team is building an engaging and affordable mobile system that can be used from hospital gyms to the comfort of your sofa at home.

Opportunities: Gripable will be recruiting to business, software and hardware roles over the next year. Internship opportunities will also be available.

Representatives: Paul Rinne and Mike Mace, company founders



<http://www.hgf.com/>

HGF Limited is one of Europe's largest intellectual property specialist firms and one of only a few to offer a fully integrated IP solution, bringing over 160 patent attorneys, trade mark attorneys and IP solicitors together to provide a full-service IP solution. The firm has 16 offices across the UK and Europe.

Opportunities: HGF recruit graduates for traineeships throughout the year; each recruit is selected specifically for the technical team and office location. A minimum of a 2:1 degree in a relevant STEM discipline is required.

Representative: Robert Weinert-Aplin, Trainee Patent Attorney and colleagues.



<https://emea.illumina.com/>

Illumina is a global leader in genomics – an industry at the intersection of biology and technology. At the most fundamental level, we enable our customers to read and understand genetic variations. We strive to make our solutions increasingly simple, more accessible, and always reliable. As a result, discoveries that were unimaginable even a few years ago are now becoming routine – and are making their way into patient treatment.

Opportunities: Illumina will recruit to a range of jobs and internships for their Cambridge offices and across EMEA. They have roles for Image Analysts / Systems Modelling Scientists, Product Development Scientists (Life Science Automation), Bioinformaticians (Algorithm Development), Software Engineers/Tester, Chemists, Lab Technicians, Field Application Scientists, Field Service Engineer, Sales and Marketing.

Representative: Ian Lambell

Careers Service

www.imperial.ac.uk/careers

Imperial Careers Service

www.imperial.ac.uk/careers

Here for you at any stage of your career, the Imperial Careers Service can help you figure out what you'd like to do in the future and how to get there. The sooner you start thinking about your career the better. Working in partnership with the Bioengineering department, we offer a range of support on-line, in workshops and in one-to-one appointments. Come along to the stand and chat to Norma, the Bioengineering Internships Adviser and Katie, the Bioengineering Careers Consultant, to find out more.

LINKAM SCIENTIFIC



<http://www.linkam.co.uk/>

Linkam are world leaders in the field of thermal microscope instruments and supply products to all the major microscope manufacturers and sell into many diverse markets ranging from the food industry, pharmaceutical, semiconductors, in fact anywhere where materials are subject to processing.

Opportunities:

R&D Embedded Microcontroller Development. You will be working within the R&D team with a view to supporting our range of microscope-based instruments which use pre-dominantly STM32 Arm microcontrollers.

A knowledge of small signal processing is essential, as we use a range of low output sensors in the design of new prototype instruments, most of which have embedded microcontrollers. Software is written in 'C' and debugging is from the IAR ARM workbench.

Electronic Engineer. Electronic design environment combining analogue signal conditioning with embedded design using low level data acquisition of sensors.

PCB design is also part of the role where we use PADS PCB and Logic for all our surface mount layouts.

Representative: Peter Grocutt, R&D Manager


MEDOPAD

<https://medopad.com/>

At Medopad, we want to create a world where people can live longer. A world where the best minds continue doing their best work. A world where we can spend more time with our loved ones.

Our technology takes a modular approach, meaning we cover a wide variety of disease areas to deliver better and more personalised care by transforming the way patients and data interact with clinicians. Our Artificial Intelligence division uses data collected through our platform to generate predictive insights, able to detect life threatening medical conditions.

We partner closely with the world's largest healthcare systems, pharma companies, research institutes, insurers and technology companies like Apple and Tencent to solve some of the biggest problems in rare, chronic and complex disease monitoring.

Opportunities: We are a technology company powered by amazing people, with diverse skills and backgrounds, across a wide range of roles from software engineering and AI/Machine Learning, through to Clinical and Regulatory roles and Patient Engagement where we need people with great project management skills. Growing at a furious pace, we need outstanding minds in the bodies of people who want to work in a values led, progressive and diverse culture to literally change the world.

Representatives: Rhiannon Thomas and colleagues



MIRADA MEDICAL

<https://mirada-medical.com/>

Mirada is leading the development of next generation medical imaging software and decision support products. Our staff are passionate about using their expertise to provide elegant solutions to complex clinical problems and our goal is to enable healthcare specialists to make better and faster decisions in the diagnosis and treatment of cancer and other diseases.

Opportunities: Graduate Software and Test Engineer positions available in 2019

Mirada Representatives: John Garratt, Oliver Leon, Jonathon Mateo



MOM INCUBATORS

<http://www.momincubators.com/>

mOm is a London-based multi-award winning start-up. The Mom Incubator is a collapsible infant incubator that is being designed to provide a level of thermoregulation that meets the standards set for conventional incubators. In other words, it will provide a regulated environment that will keep babies warm as well as the incubators that you would find in well-equipped neonatal intensive care (NICU) wards.

Opportunities: mOm are looking for enthusiastic and motivated people who believe in our vision for full time positions and internships. If you have skills in mechanical, electrical and electronic or software engineering, this company could be for you.

Representative: Nick Hitchens



Newton Colmore

<http://www.newtoncolmore.com/>

Newton Colmore is a recruitment agency specialising in Medical Devices, Scientific Engineering, New Product Design, Robotics, Human Factors, Regulatory Affairs, Quality Assurance and Field Service Engineering. Register your c.v. on Newton Colmore's website and discuss your career ambitions with Andrew Welsh and Matthew Lowdon.



NHS SCIENTIST TRAINING PROGRAMME

<http://www.nshcs.hee.nhs.uk/join-programme/nhs-scientist-training-programme>

The Scientist Training Programme (STP) is a three-year training programme that includes work-based and academic learning. The aim of the STP is to attract, select and retain the very best people to clinical scientist posts.

Healthcare science is one of the most exciting and dynamic areas to work in. Join a unique team who are inspired to apply their exceptional scientific knowledge and skills to the prevention, diagnosis and treatment of disease and the rehabilitation of patients. Excellent training opportunities are offered within this national postgraduate training programme located in hospitals and health services throughout England. Successful candidates will be employed by an NHS trust or other healthcare provider for the duration of their training. Trainees are also enrolled for a fully funded part time vocational master's degree in their chosen specialism. Posts are available in a wide range of specialisms including:

Audiology, Cancer Genomics, Cardiac Science, Clinical Bioinformatics (Genomics), Clinical Bioinformatics (Physical Sciences), Clinical Engineering including: Rehabilitation Engineering, Clinical Measurement and Development and Device Risk Management and Governance, Medical Physics including: Imaging with Ionising Radiation, Imaging Non Ionising Radiation, Radiation Safety Physics and Radiotherapy Physics.

Representatives: STP trainees Cameron Anderson, Jessica Johnson and Maddy Borhani.



OVAL MEDICAL

<https://www.ovalmedical.com/>

Oval Medical Technologies is an innovative medical device company developing revolutionary auto injectors. Based in Cambridge, UK.

Opportunities: Oval have a vacancy for a graduate eager to develop a career in Medical Manufacturing. This role would be most suited to individuals with an interest in Robotics, Manufacturing and/or Engineering. Applicants must be open to working within the US for 1-2 years before returning to the UK. Come and see us at our stand for further information.

Students: Oval have a placement vacancy for a Junior Device Development Engineer starting Summer 2019 in Cambridge, UK. It is expected that students will take a full and active role in our project teams and will have the opportunity to make significant contributions to the development of our novel drug delivery technologies. Come and see us at our stand for further information.



PA CONSULTING

<https://www.paconsulting.com/>

We are an innovation and transformation consultancy that believes in the power of ingenuity to build a positive-human future in a technology-driven world. Our diverse teams of experts combine innovative thinking with breakthrough-technologies to progress further, faster.

With a global network of FTSE 100 and Fortune 500 clients, we'll offer you unrivalled opportunities for growth and the freedom to excel. Combining strategies, technologies and innovation, we turn complexity to opportunity and deliver enduring results, enabling you to build a lasting career.

Opportunities for Applied Scientists, Mechanical & Electronic Engineers and Data & Computer Scientists.

Representatives: Mayur Patel (engineer) and Scott Oldham (recruiter)

PAC MED



<https://pacmed.ai/en/>

Pacmed is a fast-growing, award-winning Dutch AI start-up based in Amsterdam, which develops data-driven decision support tools for medicine and healthcare. Combining machine learning with medical expertise, we learn from large volumes of data which treatment works best for whom. Based on the results in practice for similar patients, our software presents, at the moment of decision, the expected outcomes of various decisions for the individual patients. Our products include software which indicates the best treatment choice for urinary tract infections, clinical decision support to minimize death and readmission in Intensive Care Units in hospitals, urgency prediction software for Emergency GP Centers, as well as a number of tools for Oncology, Psychiatry, and Cardiology. We work with hospital, research institutes, universities, and primary care groups to ensure that our products are developed, validated, and implemented using high-quality data and the best available expert knowledge.

Opportunities: We are looking for passionate talents to join our team:

- Data Scientist with experience in applied machine learning
- Data Engineers
- Data science and AI postgraduate interns

Representative: Michelle Tonutti.



PATHFINDER MEDICAL

<http://www.pathfindermed.com/>

Pathfinder Medical is a medical technology company which was set up 4 years ago by a graduate from our MRes Medical Device and Entrepreneurship programme. Pathfinder Medical is developing novel minimally invasive catheter system that can create connections between vessels using a stent graft, which can help improve treatment options and outcomes for patients suffering for peripheral arterial disease and kidney failure. Their first product is approaching first in man clinical trials in 2019.

Opportunities: Pathfinder have job and internship opportunities for talented Bioengineers with strengths in mechanical, embedded electronics and/or software skills to join a talented team of 8 medical device engineers at their office in Battersea, London.

Founder-CEO Sorin Popa will be representing his company.



PLEXTEK

<https://www.plextek.com/>

Plextek is a specialist electronics systems consultancy, providing product design & development services, working with our clients to create market advantage and maximise their potential. We employ a large multidisciplinary team of highly-qualified technical engineers who are experienced in working with a wide range of organisations and technologies.

- Founded in 1988 and based in the Cambridge technology cluster
- Privately owned and independent

- 70+ technologists with multidisciplinary expertise
- ISO13485 and ISO9001 certified

Plextek provides unique solutions to sensing, data collection & communications challenges, in a diverse range of industries including medical & healthcare, security and wireless communications, solving our clients' hardest engineering problems by effectively utilising our technological expertise and broad range of skills.

Opportunities: Full time and internship opportunities for engineers and software specialists.

Representative: Nigel Whittle, Head of Medical and Healthcare



PM GROUP

<https://www.pmgroun-global.com/>

PM Group is a 100% employee owned, international project delivery company operating across Europe, the USA and Asia. It has a 45-year track record in project management, process design, facility design and construction management for leading multinational companies in multiple sectors.

PM Group is keen to recruit Biomedical Engineers to join its October 2019 start graduate scheme – The Next Graduate Programme. You will work on the design and implementation of new manufacturing plants in PM Group's core sectors, including Pharmaceuticals and Med Tech. Biomedical Engineers will complement the variety of skill sets within PM Group's multidisciplinary engineering team, including Civil, Structural, Process, Mechanical, Electrical engineering and more.

In the UK, PM Group has offices in Birmingham, Southampton, Manchester and Edinburgh.

Representatives: Dorin Mkala, HR Manager and Matthew Cole, Business Development Executive.

Team Consulting  team

<https://www.team-consulting.com/>

Team Consulting is a multi-award winning medical device design consultancy serving a global client base from a 13th century barn in the Cambridge countryside. We design innovative and competitive devices to meet the needs of both patients and healthcare professionals. Working closely with our clients we apply our expertise and experience in industrial design, engineering, human factors and industrialisation to deliver medical products from early concept through to commercial launch.

Opportunities: Team is a growing company, with over 110 members of staff, and we're looking for a range of graduates to join in 2018. The company is keen to find Bioengineers with strengths in mechanical, electrical and electronic, software and materials engineering. There are also opportunities for summer interns and Year in Industry students.

Representatives: Vicky Grass, HR Manager

If you have any questions about the Bioengineering Careers Fair please contact:

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Tel: +44 (0)20 7594 6371

Email: robert.ferguson@imperial.ac.uk

Web: <http://www3.imperial.ac.uk/bioengineering>



Imperial Bioengineering Society Sponsor:

MedEngine

MedEngine is a Berlin based MedTech startup that develops sensor based medical devices, infrastructure and software. We work with patients and clinicians to provide tailored healthcare solutions.

Get in touch with us careers@medengine.co <https://medengine.co/#/>