BIOHM®

the future of home

We are looking for...

A Biotechnology Intern

As a biotechnology intern, you will become an important member of BIOHM's engineering team as we develop new ways of working. You'll be supporting the research, development and testing of our materials, primarily focusing on developing technologies and creating tools which can innovatively interpret patterns and shapes.

What you need to be great at...

Strong Foundations in Coding | Confident coding in Python

> Would be nice: Object Orientated Programming, Computer Vision (OpenCV), Front End GUI in Python (PyQt, Tkinter etc.), Back End Databases (MySQL, MongoDB etc.), basic Linux commands.
>
> Added bonus: Big Data and Machine Learning Experience

Comfortable using Electronics | Experience with sensors, actuators and microcontrollers such as Raspberry Pi.

Bio-based/Natural Material Enthusiast | Interest in working with natural / bio-based materials and living systems

Climate Action Champion | Passionate about taking immediate action to address our climate crisis and determined to make a significant impact

Proactive problem solver | Creative and engaged in coming up with solutions and ideas of how to improve the, machinery, and procedures; not afraid to experiment and try new things; and always looking for potential new ways to innovate.

Organised and forward thinking | Take ownership of time management, workload and deadlines to achieve efficient outcomes.

Outspoken and engaged | Open minded, able to speak your mind in conversations and discussions, not afraid to disagree, and also creative and curious about all aspects of the company.

Compulsive co-operator | Not afraid to ask for help or consult team members, whilst also following instructions and learning to support team goals when required

Relaxed and optimistic | Realistic and honest about not knowing something; confident in your decisions but able to learn from failure; motivated and determined to always try again.

Your work will require...

Ownership | Become an integral and trusted member of the Engineering Team; take extreme ownership of your work and for the deliverables you are responsible for.

Getting stuff done | Supporting and developing technologies which have a commercial application

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Research | Dive deep into theoretical, experimental and practical research with the aim of optimising mechanical properties, sustainability, circularity and performance

Development | Study and test systems and technologies which are created, troubleshooting and providing reports and presentations on the work

What you will be doing...

Coding Python Systems | Coding in python to create programs which can analyse and categorise material samples.

Prototyping | Building and testing ideas, using the workshop and lab facilities at BIOHM HQ in London. You will be using digital fabrication methods to create prototypes such as a 3D printers and CNC Router.

Communication and Engagement | Prepare reports, proposals and manuals for colleagues to use the systems which have been created.

Experimentation | Perform experiments and modelling to study the drawbacks of the technologies, whilst providing reports detailing how they can be further improved in the future.

Development | Perform experiments to troubleshoot the technologies created, whilst writing up reports which allow results to be repeated

Production | Actively contribute to innovation in the company, by supporting the development of new material production technologies

We want (you) to join (y)our revolution!

If you do too, please fill out the form at the bottom of the page and we will be in touch shortly

Location | London, UK Start Date | Rolling

We provide all interns with a stipend