



MATERIAL DEVELOPMENT INTERN

We are looking for...

a new member to join our material development team where you'll be supporting the research, development and testing of our materials, primarily focusing on Orb (Organic Refuse Bio-compound). You will join at an exciting time, with Orb variants in both early and refinement stages of their material development. You will have the opportunity to delve into specific research as well as collaborate across not only R&D functions but also our product development teams.

What you need to be great at...

Strong Foundations in Material Science | Knowledge of material behavior on a molecular, chemical and mechanical level. Preferably hold a Chemistry, Biochemistry or related subject degree.

Material testing experience | Past experience and understanding of the use of material testing equipment and familiar with scientific lab note keeping, further training on specific machinery will be provided.

Bio-based/Natural Material Enthusiast | Interest in working with natural / bio-based materials.

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 lab, machinery, and procedures; not afraid to experiment and try new things; and always looking for new ways to innovate.

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

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

Compulsive co-creator | 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.

Teamwork | Working in a team of passionate people that want to change the world is a great opportunity to make an impactful contribution; ask great questions, and learn from others.



What you will be doing...

Research | Thorough delve into theoretical, experimental and practical research with the aim of optimising mechanical properties, circularity and performance of our materials.

Experimentation | Perform experiments and modeling to study the nature, structure and physical & chemical properties of bio-based materials, and their responses to applied forces and environmental conditions, and devise testing methods to evaluate the effects of various conditions on bio-based materials.

Material testing | Conduct research on the structures and properties of Orb to obtain information that could be used to develop the materials further for commercialisation. Test individual parts and products to ensure that legislative, quality, safety and environmental standards are met, if not exceeded. You will be operating and maintaining laboratory equipment and machinery.

Communication and engagement | Prepare reports, proposals and technical manuals for our materials for use in accreditation and by customers. Contribute to R&D meetings. Recommend natural materials or processing methods for improved reliable performance in various environments. Maintain a good working knowledge of relevant literature.

We want you to join (y)our revolution!

If you do too, please fill out the form on the contact page of our website and send us your CV - we will be in touch shortly.

Full Time | London,UK| Rolling start date| This internship is unpaid, with expenses covered by a stipend