

Internship Title: Wildlife Camera Product Development Internship

Organisation Description:

Naturebytes is an award-winning organisation that creates technology and activities to connect people with nature in exciting new ways. We are a team of tech, conservation, and education experts that share a passion for building creative, playful, and purposeful responses to environmental and technological challenges.

Though a small team working remotely across London and South-east England, we work in collaboration with leading technology partners to scale our impact. By harnessing emerging technologies and smart manufacturing techniques, we rapidly design solutions that are effective, affordable, and sustainable.

Nature and people thrive in diverse ecosystems. We are committed to creating a working environment where everyone feels welcomed, respected, and valued. Different perspectives strengthen everything we do, from developing conservation technology to designing inclusive educational experiences.

Description of Role:

This internship provides hands-on experience in the product development and testing phase for our innovative wildlife camera. You will play a critical role in refining the functionality and usability of our new Raspberry Pi-based camera system and robust, weatherproof, 3D-printed enclosure. This role is well-suited to students from either a software development or product design engineering background, and we'll tailor the focus of the internship to match your strengths and interests. Your efforts will directly contribute to the successful launch and environmental impact of this product.

Expected tasks and responsibilities will include;

- Completing functional and user testing of camera prototypes.
- Providing detailed reports on findings and recommended improvements.
- Supporting the achievement of product certification (CE marking and IP rating) by ensuring all technical documentation and tests are successfully completed.
- Implementing tangible design or software enhancements based on testing outcomes

Required skills/abilities

- Studying or recently graduated in Design Engineering, Software Engineering, Product Design, Mechanical Engineering, or similar
- Technical proficiency in prototyping, software/hardware testing, and iterative design processes.
- Strong problem-solving skills and a methodical, analytical mindset
- Demonstrated interest in technology or product design and hands-on making
- Comfortable working independently and communicating progress in a remote team.
- Good written communication for documenting tests and findings.

Preferred skills/abilities

- Familiarity with Raspberry Pi or similar microcomputers.
- Experience using CAD software, 3D printing, or rapid prototyping tools.
- Experience with software testing, Python, or other scripting languages.

- Experience working collaboratively in interdisciplinary teams to deliver tangible outcomes.
- Interest in wildlife, environmental tech, or conservation solutions.

Benefits for the student

This internship is an exciting opportunity to contribute meaningfully to environmental innovation, providing hands-on experience contributing to a real-world product launch and development project. You will gain practical skills in product testing, design, software development, and marketing as well as exposure to the full lifecycle of bringing a wildlife tech product to market. You will also develop experience working in a remote, collaborative, and mission-driven team, with portfolio-worthy outcomes and tangible achievements to support future job or study applications.

How to Apply

Register your interest with an email to info@naturebytes.org