



[Apply here](#)

Start date

ASAP

Duration

6 months

Languages

Good spoken and written English levels are required (B2 onwards)

Location

London, England

[Portsmouth, England](#)

Portsmouth is a dynamic and vibrant waterfront city. From the naval and maritime heritage, to towering [world-class visitor attractions](#); museums and galleries; unique [shopping destinations](#); great [food and drink](#); and miles of beautiful waterfront. There are lots of [things to do in Portsmouth](#), with [magnificent museums](#), live music venues, contemporary art galleries, two cathedrals, a diverse literary heritage, [nightlife, festivals and countless events](#) throughout the year

Are you eligible?

Are you a registered student?

Or

Are you eligible to participate in the Erasmus+ programme?

Benefits

See website for details of all ESPA benefits. For all internships over 6 months, additional benefits will be paid. Details available at interview.

Role

This is an incredible opportunity for a software developer, specialising in App design with experience of react-native, to help develop innovative and pragmatic solutions with this pioneering company, whilst driving the technology industry forward. Mentored throughout, you will collaborate on design, software development and flight testing as well as work across the full spectrum of disciplines expected in this industry. In addition, you will be involved in the development of prototype applications in order to explore their future potential. If you have an innate talent for analytical thinking, a high degree of persistence and initiative, this is a fantastic offer and will be boost to your CV and future career.

Tasks

- Assist in designing mobile apps in react-native, for things like, image recognition, natural language processing, localization and mapping
- Assist software development for Pan Tilt Zoom (PTZ) cameras as well as other projects
- Maintain and improve the continuous integration and the deployment process.

Desired Skills

- Degree in Computer Science, IT related degree or scientific/numerate degree
- Experience in Javascript
- Academic background in AI, Machine Learning, Neural Network, Algorithms or a similar
- Ability to work independently, identify and evaluate new technologies
- Motivated, collaborative and quick to learn
- Scientific, data-driven, objective mindset.

Beneficial Skills

- Knowledge of Robotics Operating System (ROS) control systems
- Experience of Matlab and Simulink
- Python, C/C++, Java, Ruby
- Exposure to electronics, 3D printing, physics, and physics simulations

The Host Company

The host operates in the Unmanned Aerial Vehicles (aka drones) market. With an intense focus on research and development, the company uses its extensive skills and knowledge to solve complex problems including, localization-mapping, navigation, and object recognition for autonomous robots. This family friendly host embraces a work ethos of expertise and creativity, striving to scale new heights by deploying cutting-edge technology to develop innovative solutions.