ESPA

Software Engineering Internship (LACS2110)

Apply here

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.