23 Mei Wan Street
Tsuen Wan
New Territories
Hong Kong

Internship Job description

Job Title: Electronic Engineer / Software engineer
Current Area of Study: MEng Electrical , Electronic Engineering, Computer Science
Core project: Coral Reef Mapping Drone
Overview: Working as a member of a small cross functional design and engineering team (mechanical/electrical/software) working to develop a Coral Reef Mapping Drone and customize this product to meet customer demands.

Qualifications:

- High degree of organizational skill and problem-solving ability
- Resourcefulness in finding information and answers from within and outside the company.
- Good communication and organizational skills.
- Computer skills including Microsoft Word, Excel, PowerPoint, C++, Python, C#, MATLAB and AutoCAD

Duties and Responsibilities:

Software engineering

- Research and Development
- Design/code/test new features for Machine learning/ Deep learning
- Help design schematic and circuit diagram
- Design and build data set for computer vision to analyse coral
- Design Signal Processing system.
- Assist in developing API (application program interface)
- Assist in developing APP for control and user interface.

Project management:

- Assist in project management with document routing and retrieval, and assist in control of timeline / tasks
- Assist in management of BOM (Bill of Materials)
- Gathering, organizing, and updating data, and help create processes to streamline the moving of critical data.
- Documentation of all work on Github
- Assist in management of collaborators on Github