

MICHAEL LIN

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EMPLOYMENT

YY Inc.

Software Engineer Intern · Jul 2016 to Aug 2016 · Guangzhou, China

- Develop scripts to automate the building process.
- Work with MongoDB and C++ for the backend at Jiaoyou project.
- Develop unit test cases for several modules at Jiaoyou project.
- Support QA engineers in testing and debugging new release.

PROJECTS

Unter

Oct 2016 to Current

An android app like uber that allow people to share their ride. User may either request for ride or receive ride request to fulfill others request.

2048 Embedded Edition

Nov 2015 to Dec 2015

A embedded edition of one of most popular mobile game on Arduino.

Cloudmark

Sep 2016 to Current

An online assignment grading system that provided easy access to both instructor, grader, and student. Using SailsJS at backend provide RESTful API to support the web app and the mobile application.

Autonomous ModuleBot

Apr 2014 to Sep 2015

This is a autonomous snake robot that has multiply gait implementation and a face detection feature using OpenCV. The camera feed from the robot can be viewed from a browser.

Autonomous Quadrator

Jan 2014 to Sep 2015

This quadrotor uses simultaneous localization and mapping(SLAM) to visualize it's surroundings and scans a 3D map of the environment using the Microsoft Kinect and wirelessly transmits in real-time to the base station computer for further analysis.

SKILLS

LANGUAGES: C/C++, Java, Python, HTML, JavaScript

FRAMWORKS & TOOLS: Sqlite, MongoDB, Git, Android, Linux, NodeJS

EDUCATION

University of Alberta

BSc Honors Computer Science 2019

Online courses: Machine Learning(Current)