

Michael(Zichun) Lin

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COMPUTER PROGRAMMER

- ❖ **Current honors undergraduate of University of Alberta's BS in Computing Science**
- ❖ **Known as a self-learner**, start learning programming since high school, gain experiences from working on Arduino, Linux server, and robotic related projects.

Employment

- ❖ **System Engineer — Guangya International High School from Sep, 2013 to June, 2014.**
 - Server maintance, installed and maintained Moodle [at the school's server \(Linux\)](#).
 - Worked with business department for on campus cloud storage service by implementing FreeNAS.

Technology Summary

- ❖ **Programming/Languages:** C; C++; HTML; CSS; PHP; Java;
- ❖ **Skills:** Linux server; Arduino; Visual Studio; Xcode; Vim;
- ❖ **Projects:**
 - **Snake Robot** (2014): A remote controlled snake robot with face detection can be used for rescue missions with implementation of C++, Java, and Arduino.
 - **Quadrotor** (2014): A remote controlled robot that uses Microsoft Kinect to scan a 3D map of its surrounding area and then transmit back to the station with implementation of C++, C, ROS, and SLAM.
 - **2048 Embedded Edition** (2015): A embedded editon of one of most popular mobile game on Arduino.

Education

University of Alberta — Bachelor of Science, Major in Computing Science with *Honors*: Current first year undergraduate student.