

Objective

- Internship for Summer 2012

Education

- UNIVERSITY OF MICHIGAN – Ann Arbor, Michigan
Majoring in Computer Engineering, 3.6 GPA, Class of 2014
- MILFORD HIGH SCHOOL – Highland, MI
3.7 GPA, Class of 2010

Skills Summary

- Experience with Windows XP, Vista, and 7, Linux, and OSX including terminal use and scripting
- 5+ years of experience with C/C++, numerous scripting languages, 6 months experience with Verilog
- Broad electronics experience including troubleshooting, building, soldering, etc.
- Advanced knowledge of MS Office
- Ability to work as part of a team/help others to solve problems

Experience

Work:

- Student Linux Systems Administrator (May 2011-?, College of Engineering): Worked under senior administrators, learned package management, Git, scripting, and other administration skills.

Volunteering:

- MEZ Mentor (2011): Mentored Detroit area high schoolers through the Office of Student Affairs at the Michigan Engineering zone.

College Projects:

- Hovercraft (Fall 2010): Worked with a group of ~10 students building a control system with the Gumstix CPU on a hovercraft as an extra project for Engineering 151.
- Engineering 100 (Winter 2010): Microprocessors and Toys. Programmed an educational game completely in pseudo-assembly code. Also learned computer circuitry with Verilog.
- MAAV (Fall 2011-?): Worked to build an autonomous quadrotor to compete in a DARPA sponsored event.

Robotics (2007-2010):

- Participated throughout high school on a successful FIRST team. The team has 6 weeks to design, build, and program a ~2'x3'x6' robot to play an interactive game.
- Lead student programmer for 3 years out of 5-10 student programmers on a 35-50 student team.
- Programmed in C, C++, and LabVIEW, and build control systems using a variety of sensors, human input devices, etc.

Other:

- One of 1,300 National Merit Scholarship Finalists nationwide in 2010
- UM IEEE Chapter Member and CSE Scholars Member
- National Society of Collegiate Scholars