Matthew J. Leibold

1501 Washtenaw Ave, Ann Arbor, MI 48104
leiboldm@umich.edu
720-648-3346

OBJECTIVE

Obtain a summer internship or co-op position where I can enhance my skills in the fields of computer engineering and computer science.

EDUCATION

University of Michigan, Ann Arbor, MI   Graduation: May 2016
Bachelor of Science in Computer Science and Engineering
GPA: 3.96/4.0, Dean's List all semesters

RELEVANT COURSEWORK

Data Structures and Algorithms, Computer Architecture, Digital Logic Design, Microprocessors, Discrete Mathematics, Electronic Circuits

COMPUTER SKILLS

Languages: C/C++, Javascript, PHP, Python, HTML, CSS, SQL
Libraries: jQuery, Qt, Highcharts, Smarty
Software: Matlab, MS Office, Vim, Git, Perforce
Platforms: Linux, Windows

RELEVANT EXPERIENCE

Viasat, Englewood, CO   May 2014 – August 2014
Software Engineering Intern
- Worked in a team of two to develop internal web-based tools to help customer service agents analyze customer data usage patterns
- Successfully deployed new page that detected connectivity issues and allowed customer service agents to visualize the home network and its connected devices

Michigan Autonomous Aerial Vehicles (MAAV)   September 2012 – present
Embedded Systems Team Member
- Researched and implemented an algorithm for quadrotor control that increased speed and stability in flight
- Helped to revise the 2013 vehicle which placed 1st in the International Aerial Robotics Competition

ACTIVITIES/ VOLUNTEER

Triangle Engineering Fraternity, Ann Arbor, MI   January 2013 - present
Webmaster, Treasurer
- Responsible for updating, managing, and improving fraternity website
- Improved google search result from second page to third overall
- Managed fraternity budget, working to reduce expenditures
- Organized fundraisers, oversaw collections and accounts payable

Eta Kappa Nu, Ann Arbor, MI   September 2013 - present
Electrical and Computer Engineering Honor Society, Active Member
- Volunteered at Db Cafe, helped teach java workshop, made mittens for Knit Wits