

Jake Glass

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EDUCATION

University of Michigan - College of Engineering

BSE in Computer Science

Ann Arbor, MI

December 2015

- Graduated with 3.80 GPA, highest honors
- Activities: Human-Powered Submarine Project Team, Wolverine Tutors, MHacks

EXPERIENCE

Allston Trading

Chicago, IL

Software Engineering Intern

May 2015 - August 2015

- Collaborated directly with commodities options traders to develop program capabilities, leading to improved trading ease and efficiency for the entire firm
- Interfaced with exchanges to create features for both grey-box and click trading
- Used Java and Mercurial, and managed JIRA issue tracking for an agile dev team

Apple

Cupertino, CA

Software Engineering Intern

May 2014 - August 2014

- Developed the new email client for Mac as a member of the Mac OS Mail team resulting in final production code being sent to millions of end-users
- Created accessibility features for the visually-impaired utilizing Obj-C and Git

U of M Human-Powered Submarine

Ann Arbor, MI

Technology Lead

September 2012 - December 2015

- Designed and managed the creation of all electrical systems in the submarine, including an automated electronic transmission and dashboard
- Leveraged scuba experience to analyze the sub's underwater racing capabilities
- Developed website for advertising and outreach, leading to double the funding

SMS Assist

Chicago, IL

Business Analysis Intern

May 2013 - August 2013

- Developed internal automated tools used by financial analysts that parsed data to ensure efficiency in the company's contracted services
- Created visualization software to illustrate the company's service volume

Deerfield High School Teaching Aid and Private STEM Tutor *September 2010 - Present*

- Lectured and led discussion in 28 student algebra 2 / trigonometry class, contributed to significant 5% higher average grade than other classes
- Tutored over 30 high school and college students with a range of skill levels in math, physics, and computer science

PROJECTS

- *Aorta Segmentation* - machine-learning to aid doctors with CT scans
- *Powder Hunter* - social skiing Android app allows users to tag areas on trail maps

LEADERSHIP

- Volunteer tutor at Deerfield High School and Detroit Public Schools
- Certified rescue scuba diver
- Illinois high school hockey state champion and captain