

Jake Glass

jake.r.glass@gmail.com ::: jakerglass.com ::: (847) 207-8836

EDUCATION

University of Michigan - College of Engineering

BSE in Computer Science

Ann Arbor, MI

December 2015

- GPA: 3.80, summa cum laude
- Activities: Human-Powered Submarine Project Team, Wolverine Tutors, MHacks

EXPERIENCE

Free Software Foundation (FSF)

Licensing and Campaigns Intern

Boston, MA

Fall 2018 - Present

- Provided licensing support to free/libre open source software developers
- Investigated compatibility and potential violations of the GNU General Public License (GPL), the preeminent copylefted (share-alike) copyright license
- Drafted outreach material for public advocacy campaigns and conferences

Private STEM Tutor and Deerfield High School Teaching Aid

2010 - Present

- Lectured and organized discussion in 28-student algebra 2 / trigonometry class, contributed to class average 5% above other classes
- Tutored over 50 students of diverse abilities in math and computer science
- Led training as head math and science ACT tutor at Effective Educators

Allston Trading

Software Engineering Intern

Chicago, IL

Summer 2015

- Collaborated directly with commodities options traders to develop new program capabilities, leading to improved trading efficiency for the entire firm
- Interfaced with exchanges to create features for both gray-box and click trading

Apple

Software Engineering Intern

Cupertino, CA

Summer 2014

- Developed the new email client for Mac as a member of the MacOS Mail team
- Created accessibility features for the visually-impaired, shipped code to millions

U of M Human-Powered Submarine

Technology Lead

Ann Arbor, MI

2012 - 2015

- Designed and managed the creation of all electrical systems in the submarine, including an automated electronic transmission and digital 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

Business Analysis Intern

Chicago, IL

Summer 2013

- Developed internal automated tools used by financial analysts
- Created visualization software to illustrate the company's service volume

ADDITIONAL INFO

- Volunteer tutor at Deerfield High School and Detroit Public Schools
- Certified rescue scuba diver
- Illinois high school hockey state champion and captain
- Interests: machine learning and data analysis, cooking, biking, card games