Jacob Glass

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EDUCATION

University of Michigan   **Ann Arbor, MI**
- 3.79 GPA – Computer Science Engineering   *May 2016 Graduation*

WORK EXPERIENCE

Allston Trading   **Chicago, IL**
Software Engineering Intern   *May 2015 - August 2015*
- Worked directly with commodities options traders to develop front-end features to improve trading ease and efficiency
- Interfaced with exchanges to create features for both grey-box and click trading
- Utilized Java, Mercurial, and internal libraries in an agile work environment

Apple   **Cupertino, CA**
Software Engineering Intern   *May 2014 - August 2014*
- Developed the new email client for Mac as a member of the OS X Mail team
- Worked directly with production code sent to millions of end-users
- Utilized Obj-C, Git, and internal tools to engineer the latest release

SMS-Assist   **Chicago, IL**
Financial Analysis Intern   *May 2013 - August 2013*
- Developed internal automated tools used by financial analysts that parse data to ensure efficiency in the company's services
- Created visualization software to illustrate the company's service volume
- Drafted pricing plans for corporate contracts

U of M Human-Powered Submarine   **Ann Arbor, MI**
Technology Lead   *September 2012 - Present*
- Designed and managed the creation of all electrical systems in the submarine
- Used SCUBA gear and diving experience to analyze the submarine's functions in underwater testing environments
- Served as webmaster - created modern website for advertising and outreach

PROJECTS

- *Aorta Segmentation* - Utilized machine learning to aid doctors in medical imaging
- *Powder Hunter* - Created a social skiing and snowboarding Android app allowing users to tag locations on the mountain
- *Cocktail* - Developed a visual drink suggestion Android app
- *DatFacts* - Utilized a variety of APIs to create an automated texting alert service
- *mem_car* - Created a programmable RC car using FPGAs

HONORS & LEADERSHIP

- Dean's List recipient all semesters
- Computer science and general engineering honor societies electee
- Volunteer mentor/tutor to high school student in Detroit
- High school math TA
- Illinois high school hockey state champion and captain