SEAN CARNEY

4544 Oxford Ave, Edina, MN 55436 | 952-200-4516 | skcarney3@gmail.com | carnblarn.github.io

EDUCATION

Washington University in St. Louis   *Senior, St. Louis, MO*

Bachelor of Science with a Major in Computer Science

Minor in Economics and Communication Design

Accomplishments

- GPA: 3.5 / 4.0
- Dean's List, 4 Semesters
- Teaching Assistant, 3 semesters

- National Merit Scholarship
- Lunar New Year Festival Show Choreographer
- President of the Washington University Juggling Club

Advanced Coursework

- Introduction to Computer Networks
- Programming Systems and Languages
- Introduction to Artificial Intelligence

- Rapid Prototype Development
- Software Engineering Workshop
- Social Network Analysis

SKILLS

Languages

Java, Python, C#, HTML / CSS, JavaScript

Frameworks/Tools

LAMP, Google App Engine, AWS, Django, Angular JS, JQuery, Git, Subversion, SQL

EXPERIENCE

Wolverine Trading   *Junior Summer, 2014*

Internship, Rapid Application Development Team

- Built an internal trading application in C# for pricing illiquid options based on the underlying futures for twenty different classes of options
- Integrated with existing structure to recalculate option ratios on price changes across all exchanges, and designed safety measures to lock products on large daily price shifts
- Designed GUI client in XAML for company traders to have full control of pricing information and product settings, significantly improving control flow over previous application

Seagate Technology   *Sophomore Summer, 2013*

Web Developer Internship

- Tested and provided design input for the creation of a web order management system
- Led quality-assurance testing for each iteration of the new return system on the Seagate website and communicated with the design team in India
- Managed deliverables, weekly scrum meetings, project testing, and client demos

University of Minnesota   *Freshman Summer, 2012*

Research Assistant

- Worked with graduate students and professors on preparing and publishing papers based on Human-Computer Interaction
- Created a graphical rating interface in JQuery for a movie-rating site used to examine recommender systems

Side Projects

- Worked with two other students to design ride-sharing website for students as part of an independent study project
- Developed an application on Google App Engine in an attempt to objectively rate jokes that have been crawled from Reddit, based on an implicit rating system from user input