\_ Education

Olin College of Engineering

Candidate for BS in Electrical and Computer Engineering

GPA 3.64

Selected Courses

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| --- | --- |
| * Human Factors and Interface Design * Computational Modeling * Robotics III | * User Oriented Collaborative Design * Computer Architecture * Software Design |

\_ Employment

Microsoft Office: Word

Intern in Program Management. Summer 2013

Designed a modern multi-platform citation and bibliography experience. Worked with my team, internal partners, and outside users to refine the user experience. Participated in three user studies.

Microsoft Windows: Developer Experience

Intern in Program Management. Summer 2012

Worked with a developer to create a Windows 8 App Quality Scorecard. Convinced several crews across the Windows team to fund the Scorecard feature. Designed a re-usable, extensible scorecard structure to minimize code maintenance.

SoftArtisans

Intern in Technical Services and Information Technology. Summer 2011

Developed data-driven Business Intelligence reports for upper management. Created complex SQL queries, mashing data from several databases

\_ Projects

School

*TripAdvisor SCOPE*

Project manager for the TripAdvisor-sponsored Senior Capstone team at Olin College. Building a solution to help TripAdvisor utilize restaurant listings to give travelers more fulfilling experiences.

*Fit-Log*

A project aimed at designing and prototyping a mobile app for personal trainers. Worked in a team of four interviewing users, designing the app, and implementing a mostly functional prototype as a web app with a Python backend.

*Lego 3D Printer*

Worked on a team of four to design and fabricate a 3-axis CNC device capable of accepting a design from a LEGO CAD program and assembling the structure. Worked on hardware interface code and electrical subsystem.

Side Projects

*Txt2HelpMe/Txt2FeedMe*

A no-UI web app platform that utilizes text messaging to inform and automate activities around Olin. Currently functionality includes texting to email lists in order to request rides and requesting dining hall menus for specific days and times.

\_ Activities & Skills

Teaching Assistant

Olin College. September 2011 – January 2013.

Served as a teacher’s assistant for an introductory electrical engineering course. Spear-headed a curriculum re-write while holding lessons, administering lab hours and grading work.

Research Assistant

Wellesley College. September 2012 – May 2013.

Worked with Wellesley design faculty on integrated Kinect sensors into a tabletop user interface. Forked and contributed to open-source computer vision project for hand and finger detection. Attended the ACM 2012 conference in Cambridge, MA.

Tutoring

Robotics and programming. January 2012 – Present.

Tutoring an elementary school student on topics ranging from programming LEGO Mindstorm robots to writing basic Python scripts. An opportunity to both pass on knowledge gained and to sharpen understanding of even basic concepts.

I’ve coded in

Python, HTML/Javascript/CSS, C, MATLAB, SQL, LabView, Verilog