

Kelly O'Shaughnessy

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EDUCATION

Cornell University, College of Engineering Ithaca, NY

Expected graduation December 2016

- ♦ **Cumulative GPA:** 3.5/4.0 ♦ **Dean's List** ♦ **Major:** Computer Science ♦ **Minors:** Business ♦ Information Science
- ♦ **Coursework:** Operations Research ♦ Networks & Markets ♦ Business Management ♦ Probability & Statistics ♦ Object Oriented Programming & Data Structures ♦ Operating Systems ♦ Data-Driven Web Design
- ♦ **Languages (from most to least proficient):** Python ♦ JavaScript ♦ Java ♦ HTML ♦ CSS ♦ OCaml ♦ Scala ♦ C
- ♦ **Software:** Kettle ♦ Jira ♦ Squarespace ♦ Asana

EXPERIENCE

Graphiq, Product Manager Intern Santa Barbara, CA

Summer 2016

- ♦ Spearheaded inception and completion of new topic housing information, analyses, and visualizations of 18M SEC filings
- ♦ Used JS, Kettle, and the Graphiq platform to extract, transform, and load data from recent filings RSS and historical feeds

Badgeville, Software Engineering Intern Redwood City, CA

June 2015 – December 2015

- ♦ Analyzed options to acquire Twitter data and determined the optimal strategy was to utilize Twitter's PowerTrack API
- ♦ Implemented and deployed 2 Scala applications to reflect the transition from DataSift to Twitter as a data provider
 - 1st widget uses input from Badgeville UI to compile filters for Twitter data & pushes filters to Twitter's API
 - 2nd widget accepts incoming Twitter payloads for processing and rewards customers through Badgeville's API

VMware Fearless Leader Summit, Participant Los Altos, CA

August 13th & 14th 2015

- ♦ 1 in 30 to participate in workshops on inspirational leadership techniques & networking events to promote women in tech

Cornell Consulting Group, Project Manager & Webmaster Ithaca, NY

September 2013 – Present

- ♦ Managed team of 4 to compile a pricing model and growth strategy for an application for university tours (PocketSights)
- ♦ Managed team of 3 to form a comprehensive marketing strategy for a company in the gift industry (RentAnAppleTree)
- ♦ Conducted market research and analyzed competitive landscape to develop a full business plan for a cooking school

PROJECTS

Personal Website, HTML/CSS

Ongoing

- ♦ Developing HTML & CSS skills through website; 2nd iteration of prototype to be found at kellyoshaughnessy.me

Multi-threaded Mail Server (SMTP | TCP), Python

April 2016

- ♦ Formatted inbox, can send to multiple addresses and include payload spanning multiple packets, includes error messages

Stratego Game, OCaml

December 2015

- ♦ Designed & created 2-player strategy board game that uses text-based interface to make moves; computer player optional

ACTIVITIES

Engineering Peer Advisor, Peer Advisor Ithaca, NY

August 2015 – Present

- ♦ Co-teach an introductory engineering course of 20 freshman that helps them adjust to college and a rigorous curriculum

Alpha Kappa Psi Professional Business Fraternity, Pledge Educator Ithaca, NY

September 2013 – Present

- ♦ Elected to lead the rigorous, 10-week process of helping the Spring 2016 Pledge Class explore career opportunities
- ♦ Developed their professional skills through weekly private workshops, industry presentations, and networking events

Engineering Career Fair Team (ECaFT), Initiatives Chair Ithaca, NY

September 2012 – January 2015

- ♦ Organized the spring Engineering & Startup Career Fair, hosting over 150 companies & 3,000 students
- ♦ Led team of 5 to foster creativity amongst engineers and organize social and professional events for the engineering community

INTERESTS & ACHIEVEMENTS

Mentorship ♦ Jigsaw Puzzles ♦ Photography ♦ Yoga ♦ Kappa Alpha Theta Sorority ♦ Society of Women Engineers