

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

EXPERIENCE

Graphiq, Product Manager Intern *Santa Barbara, CA*

Summer 2016

- ♦ Added topic to FindTheCompany vertical search engine that houses my analyses and visualizations of 18M SEC filings
- ♦ Used JS, Kettle, and the Graphiq platform to extract and clean data from the SEC's 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

- ♦ Participated in workshops on inspirational leadership techniques & networking events to promote women in technology

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 my personal 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 a payload spanning multiple packets, includes error messages

Stratego Game, OCaml

December 2015

- ♦ Created 2-player strategy board game using a text-based interface for making 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, Master of Rituals *Ithaca, NY*

September 2013 – Present

- ♦ Organize and teach the traditions of the brotherhood to the newest member class
- ♦ Develop professional skills through intensive 10 weeks of private workshops, lessons, and 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

Society of Women Engineers ♦ National Latin Exam Silver Medalist ♦ A.P. Scholar with Distinction ♦ Kappa Alpha Theta Sorority Mentorship ♦ Photography ♦ Piano ♦ Jigsaw Puzzles ♦ Yoga