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