# 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