

Bethany Davis

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Education

- **University of Pennsylvania** **Philadelphia, PA**
Candidate for Bachelor of Science in Engineering *December 2017*
Major: Computer Science
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Experience

- **Head Teaching Assistant** **University of Pennsylvania**
Programming Languages & Techniques I *2014 – present*
 - Teach weekly recitations in Java and OCaml for 20 students, hold weekly office hours for 400 students
 - Lead 36-person staff in weekly meetings, hire and train new TA's, grow course from 250 students to 400 students
 - **hackNY Fellow | Search Engineer Intern** **GIPHY**
Search and Discovery Team *Summer 2017*
 - Launched project to add Optical Character Recognition (OCR) to gif search using Google Cloud Vision API
 - Selected as one of 28 hackNY Fellows; attended technical talks and contributed to fellowship projects that apply technology to social impact initiatives
 - Technologies used: Python, PHP, Scala, MySQL, Elasticsearch, AWS
 - **KPCB Engineering Fellow | Software Engineer Intern** **Pinterest**
Discovery Science Team *Summer 2016*
 - Developed a template builder for a native human performance evaluation platform
 - Selected as one of 52 Engineering Fellows from over 2,000 applicants; attended entrepreneurship talks and venture capital networking events with Kleiner Perkins and portfolio companies
 - Technologies used: JavaScript, Python, Flask, React, Redux
 - **Engineering Practicum Intern** **Google, Inc.**
Apps Script Team *Summer 2015*
 - Designed, implemented, and tested a back-end service that provides script performance graphs to improve user experience for over 12 million users
 - Fixed over 30 bugs and contributed over 2,000 lines of code to team codebase
 - Technologies used: Java, JavaScript, Mockito, JUnit, Guice, protocol buffers, gRPC
 - **Square College Code Camp** **Square, Inc.**
 - One of 20 female engineers selected from over 500 applicants to attend an immersion program in Silicon Valley
 - Won hackathon grand prize for a photo-editing web application built with JavaScript and Twitter API
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Projects and Awards

- **National Center for Women and Information Technology**
Aspirations in Computing Affiliate Award Recipient *2013*
NCWIT Summit Student Ambassador *May 2015, May 2016*
 - **University of Pennsylvania CIS Demo Days**
1st Place Mobile Application: news-reading app (Objective-C) *Spring 2016*
1st Place Web Application: PENNterest, a Pinterest clone (Ruby on Rails) *Spring 2016*
 - **FemmeHacks**
1st Place: Bias Buster, a machine-learning text analysis tool (JavaScript, Python, Flask) *Spring 2016*
 - **PennApps XIV**
Nexmo API Prize: IMpulse, a heart-rate monitor for Apple watch (Swift, Node.js) *Fall 2016*
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Involvement

- **Society of Women Engineers**
Freshman Liaison, Communications and Marketing Director *2013 – present*
- **Advancing Women in Engineering**
Student/Faculty Advisory Board representative for Computer Science *2014 – present*
- **Women in Computer Science**
Peer Mentor, Mentorship Committee Member *2015 – present*