

Mindy Lou

mindylou.github.io

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EDUCATION

Cornell University, College of Engineering, Ithaca, NY

Expected May 2019

Bachelor of Science, Computer Science, Dyson Business Minor for Engineers

Cumulative GPA: 3.51

Coursework: Foundations of Artificial Intelligence, Computer Systems Organization, Object-Oriented Programming and Data Structures, Discrete Structures, Introduction to iOS Application Development

Awards and Honors: Dean's List (Fall 2016, Spring 2017), Department of Computing and Information Sciences Grace Hopper Scholarship

EXPERIENCE

Bose Corporation, Framingham, MA

Jun 2017 – Present

Mobile Development Intern

- Develop an iOS application to demonstrate connecting and configuring a next-generation speaker to Wi-Fi by transmitting messages via Bluetooth Low Energy to a mock hardware application.
- Explore OAuth login methods for music services and built a Flask server to handle redirects from the service back to an app via deep linking.

Belle Apps, Remote

Dec 2016 – Feb 2016

iOS Developer

- Build apps for a Cornell-based student startup that develops mobile apps and websites for clients.
- Collaborate with a manager and a designer over the course of six weeks to develop DateWars, a date planning app available on the App Store.
- Implement front-end interface, navigation, and functionality using APIs such as Twilio for text verification, Firebase for backend storage, and Eventful for fetching and displaying events.

Girls Who Code, Dulles, VA

Jun 2016 – Aug 2016

Summer Immersion Program Teaching Assistant

- Taught Python, Scratch, Arduino, iOS and web development to 20 high school girls in the DC area.
- Mentored students and communicated updates to Girls Who Code staff.

ACTIVITIES

Cornell University Engineering Admissions, Ithaca, NY

Mar 2016 – Present

Engineering Ambassador

- Assist and represent the Cornell Engineering Admissions Office.
- Give tours to prospective students and attend student panels.

Engineers Without Borders – Cornell, Ithaca, NY

Sep 2015 – Present

Water Subteam Assistant Lead

- Partner with a community of 200 people in Bolivia to design and implement a sustainable water treatment and distribution system.
- Develop water project goals and delegate tasks to eight other team members.
- Evaluate subteam members' work each semester and provide feedback.
- Named Costa Rica lead for 2017-2018 to pursue a new project in renewable energy.

Women in Computing at Cornell, Ithaca, NY

Oct 2015 – Feb 2016

Volunteer Assistant

- Aid weekend computer science classes for middle school students.
- Answer questions on programming in Javascript and Scratch.

SKILLS

Programming: Proficient in Python, Java, Swift, C, HTML, CSS; Familiar with Javascript, R, Objective-C

Programs: Eclipse IDE, XCode, RStudio, Git, Sketch

Foreign Languages: Proficient in Mandarin; Intermediate in Spanish