

# Mindy Lou

mindylou.github.io

## 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 – Aug 2017

*Mobile Developer Intern*

- Developed 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.
- Explored iOS OAuth login methods for third party music services and built a Flask server to handle redirects from the service back to the app via deep linking.
- Presented findings the greater software group and speaker hardware team.

**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

**The Cornell Daily Sun**

Mar 2017 – Present

*iOS Developer*

- Collaborate with designers, developers, editors, and business managers to plan, architect, and develop an iOS application for the student-run school newspaper.

**Cornell University Engineering Admissions**

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**

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.

## 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