

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

Cornell University, Ithaca, NY

Aug 2017 – Present

CS 4700 Teaching Assistant

- Assist students with coursework for CS 4700: Foundations of Artificial Intelligence.

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.
- Built a Flask server to handle OAuth logins from music services back to an iOS app via deep linking.
- Presented findings to 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

Engineers Without Borders – Cornell

Sep 2015 – Present

Costa Rica Project Lead

- Partner with a women's refugee camp in Upala, Costa Rica to develop a renewable energy system to provide 80% of the center's electricity needs.
- Develop project goals and delegate tasks to five other team members.
- Communicate updates to the executive board and partner organizations in Costa Rica and Italy.

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.

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