Mindy Lou

mindylou.github.io

Education

Cornell University College of Engineering, Class of 2019

B.S. Computer Science
Minor in Business
GPA 3.57

Experience

Apple, Software Engineering Intern / May - August 2018

Worked on the Photos Storage and Cloud team to implement support for a new feature for future release. Utilized Core Data and XPC to work across the backend stack, and proposed an iCloud Photos API for future release.

Cornell AppDev, iOS Developer / September 2017 - Present

Build client side features for Recast, an open source app for social podcast discovery. Participate in weekly scrums, review pull requests, and work with designers and backend developers.

Cornell University, Teaching Assistant / August - December 2017

Assisted students with coursework for CS 4700: Foundations of Artificial Intelligence. Held office hours and graded problem sets and exams.

Bose Corporation, Mobile Developer Intern / June - August 2017

Developed an iOS application to demonstrate connecting and configuring a next-generation speaker to Wi-Fi by transmitting messages via Bluetooth to a mock hardware application. Built a Flask server to handle OAuth logins from music services back to an iOS app via deep linking.

The Cornell Daily Sun, iOS Developer / March 2017 - Present

Implement article content views for an iOS app for the school's student-run newspaper, now available on the App Store. Attend weekly meetings and collaborate with designers and the newspaper masthead.

Belle Apps, iOS Developer / December 2016 - February 2017

Collaborated with a manager and a designer over the course of six weeks to create DateWars, a date planning app available on the App Store.

Girls Who Code, Teaching Assistant / June - August 2016

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.

Engineers Without Borders, Project Lead / August 2015 - May 2018

Spearheaded new project acquisition process to partner with a community in Ilagala, Tanzania for an agricultural project. Managed seven other team members to conduct research and prepare for assessment.

Coursework

Functional Programming
Intro Analysis of Algorithms
Operating Systems
Computer Systems Organization
OOP and Data Structures
Foundations of Artificial Intelligence
Intro to Database Systems
Discrete Structures
Practicum in Artificial Intelligence
Entrepreneurial Marketing and Strategy
Marketing Research

Awards and Honors

Dean's List
CS Dept. Grace Hopper Scholarship
CS 3110 Final Project Staff Award

Skills

Programming
Python, Java, Swift, Objective-C, OCaml, SQL, HTML, CSS, LaTeX, Javascript, C

Programs
Eclipse IDE, XCode, Sketch, GitHub, JIRA

Languages
Proficient in Mandarin
Intermediate in Spanish

Organizations

College of Engineering Admissions
Engineering Ambassador

Women in Computing at Cornell
Representative and Mentor