Cora **Wu**

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Education

Cornell University   2018-2022
- GPA: 3.82
- Relevant coursework: Object-Oriented Programming & Data Structures, Machine Learning, Human-Computer Interaction, Data-Driven Web Applications, Design & Programming for the Web, Intro to iOS App Development, Functional Programming, Discrete Structures, Linear Algebra

La Canada High School   2014-2018
- Academic GPA: 4.7
- Relevant coursework: Honors CompSci C++, AP CompSci Java

Experience

Software Development Intern   Summer 2020

CAPITAL ONE
- Explored methods to improve query results from the search bar on the Capital One homepage
- Researched and compared open source web crawlers and search softwares, optimized a full crawl of the Capital One website, and deployed the crawler-search software integration in AWS

Backend Development Lead   2020

ITHAQUEUE
- Led a backend team for a web app designed to make virtual office hours manageable by tracking waitlists for each class
- Developed the backend in Flask, designed the database structure & generated the db with SQLAlchemy, and implemented queries with GraphQL

Intelligent Systems Subteam Lead   2018-Present

CORNELL DATA SCIENCE
- Worked with a team of 6 to develop an iOS app with a custom seedlings classifier (Spring 2018)
- Conducted research with a teammate under Stanford professor David Scheinker to find and predict trends in county health data using ML models (e.g. linear regression, random forests) (Fall-Spring 2019)
- Selected as a subteam lead and now organizing workshops, tracking projects and action items, and leading team meetings (Fall 2020)

iOS Developer   2018

CORNELL APPDEV HACK CHALLENGE
- Developed an iOS app with a team of 4 members to connect student freelancers with students requesting their services

Extracurriculars

Sponsorship Coordinator   2019-Present

BIGRED//HACKS
- Raised sponsorships for Cornell University's largest and entirely student-run hackathon, BigRed//Hacks
- Individually reached out to over 40 company representatives and raised $10,500

Teaching Assistant   2019-2020

CORNELL DEPARTMENT OF COMPUTER SCIENCE
- Held office hours to help students in CS 1110: Introduction to Computing with Python, offered mentorship via one-on-one tutoring sessions, and graded exams & assignments

Outreach Volunteer   2018-2019

WOMEN IN COMPUTING AT CORNELL
- Helped host workshops teaching students from local elementary, middle, and high schools basic coding concepts

Skills

PYTHON	●●●●●	HTML & CSS	●●●○○	JAVASCRIPT ●●●○○
JAVA	●●●●○	PHP	●●●●○	SWIFT ●●●○○