

Ryan Davila

SOFTWARE ENGINEER

139 Greenbelt Pkwy, Holbrook NY 11741

☎ 631-316-2283 | ✉ rmd252@cornell.edu | 🏠 ryandavila.me | 📷 ryandavila | 🌐 ryandavila

Education

Cornell University

B.S. IN INFORMATION SCIENCE, SYSTEMS AND TECHNOLOGY

Ithaca, NY

Aug. 2015 - Exp. May 2019

- Relevant Coursework: Object-Oriented Programming & Data Structures, Discrete Structures, Computer System Organization and Programming, Networks, Data-Driven Web Applications, Intermediate Web Design & Programming, Optimization
- Current Coursework: Principles of Artificial Intelligence, Ubiquitous Computing, Human-Computer Interaction, Engineering Probability and Statistics II

Work Experience

Communication and Collaborative Technologies Lab

RESEARCH ASSISTANT

Ithaca, NY

Feb. 2017 - PRESENT

- Adapted legacy web application to interpret the politeness of a given message with assistance from Python NLTK toolkit.
- Migrated legacy Python code to Python3 in order to ensure compatible code for future research.

Reis Tennis Center

FRONT DESK ADMINISTRATOR

Ithaca, NY

Jun. 2017 - PRESENT

- Maintain condition of facility while greeting members, providing customer assistance, and receiving payments.

Benefit Management Solutions

OFFICE INTERN

East Setauket, NY

Jun. 2016 - Aug. 2016

- Utilized text comparison program to detect differences in various templates, allowing company to create better templates and save dozens of hours.
- Solved hardware and technical issues with company technology, as well as assisting with set up of new workstations.

Projects

Educational Android Sensor App

DEVELOPER

Personal

Fall 2018

- Designing Android application which takes sensor measurements and displays them in a novel and presentable form.
- Demonstrates to users how much technology is in our smartphones while educating them about technical uses for these built-in sensors.

CUABS Alumni Database

BACKEND DEVELOPER

CS2300

Spring 2018

- Created alumni database website for Cornell Undergraduate Asian Business Society, focusing on record management system for administrative accounts.
- Developed Python script to migrate alumni information from an Excel sheet to MySQL database.

malloc

PROGRAMMER

CS3410

Spring 2017

- Implemented dynamic memory allocator, focusing on malloc, realloc, and free functions for final project.

Extracurricular Activity

Alpha Phi Omega

FAMILY HEAD

Ithaca, NY

September 2016 - PRESENT

- Organize various pledge, fellowship and volunteer events serving the Cornell community.
- Perform outreach within the Ithaca community, assisting at local schools and volunteer events.

Skills

Programming

Python, JavaScript, Java, SQL, HTML, CSS, PHP

Tools

Git, Eclipse, Android Studio, Microsoft Office, Bash, Linux, LaTeX, Android