Ryan **Davila**

SOFTWARE ENGINEER

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Edu**cation**

Cornell University   *Ithaca, NY*

B.S. IN INFORMATION SCIENCE, SYSTEMS AND TECHNOLOGY   *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

Wor**k Experience**

Communication and Collaborative Technologies Lab   *Ithaca, NY*

RESEARCH ASSISTANT   *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   *Ithaca, NY*

FRONT DESK ADMINISTRATOR   *Jun. 2017 - PRESENT*

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

Benefit Management Solutions   *East Setauket, NY*

OFFICE INTERN   *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.

Pro**jects**

SensorTool   *Personal*

DEVELOPER   *Fall 2018*

- Designing Android application which takes sensor measurements and displays them in a novel and intuitive form.
- Demonstrates to users how sensor technology and information is used various practical applications and environments.

CUABS Alumni Database   *Intermediate Web Design*

BACKEND DEVELOPER   *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   *Computer Systems*

PROGRAMMER   *Spring 2017*

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

Ext**racurricular Activity**

Alpha Phi Omega   *Ithaca, NY*

FAMILY HEAD   *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.

Ski**lls**

Programming	Python, JavaScript, Java, SQL, HTML, CSS, PHP
Tools	Git, Eclipse, Android Studio, Microsoft Office, Bash, Linux, LaTeX, Android
Languages	English (Native), Spanish (Limited Working Proficiency)