Juan A. **Martin**

COMPUTER SCIENCE STUDENT · SOFTWARE ENGINEER

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Education

Cornell University, College of Engineering   *Ithaca, NY*

B.S Computer Science, Dyson Bussines Minor for Engineers   GPA: 3.83   Dean's List (all semesters)   Class of 2019

- *Relevant Courses:* Intro to Database Systems · Computer Organization and Programming · Discrete Structure · Unix Tools & Scripting
- *Current Courses:* Data Structures & Functional Programming · Foundations of Artificial Intelligence

Miami Dade College   *Miami, FL*

A.A Computer Science   GPA: 4.0   Dean's List (all semesters)   Class of 2016

- President's Volunteer Service Award – Gold (2016) · Annual Honors Convocation Mathematics – Upper Level (2015)

Relevant Experience

StartupTree   *Ithaca, NY*

Fullstack Developer   **August 2017 - Present**

- Co-developing micro app that synchronizes universities' data with their Salesforce accounts
- Stack: Django, Celery, PostgreSQL, Javascript/JQuery, HTML5/CSS3, UIkit

StartupTree   *Ithaca, NY*

Back-end Developer Intern   **Summer 2017**

- Implemented robust endpoints for external hub app covering from authentication to content using Django REST Framework
- Implemented 5+ new features to the company's mentorship module
- Participated in debugging and QA tasks

iOS Developer-In-Training Program   *Ithaca, NY*

Cornell University   **Spring 2017**

- Learned Navigation/Subviews, MVC, UIKit Dynamic, UI Components, and to fetch/parse JSON data
- Completed a project/iPhone application every week

Leadership Experience

Teaching Assistant, Intro to Database Systems   *Ithaca, NY*

Cornell University   **August 2017 - Present**

- Work with students in office hours to reinforce learning concepts, and help complete assignments
- Grade homework assignments, and answer questions in Piazza

Physics, Math, and Chemistry Assistant   *Miami, FL*

Miami Dade College   **2015 - 2016**

- Tutored over 60 students in Physics and Single Variable Calculus
- Helped 37 students improve their grades by 15 points

110-Feet Yacht First Officer   *Miami, FL*

No Worries Yacht Management   **August 2014 - May 2016**

- Navigated more than 2000 nautical miles along the east cost
- Assisted in passage and navigation planning

Projects

Heap Allocator   *Ithaca, NY*

- Implemented "malloc", "realloc", and "free" functions using explicit list, written in C

Five in a row   *Ithaca, NY*

- Implemented GUI and MINIMAX Algorithm for AI controller for Five in a Row game, written in Java

Skills / Interests

Languages: Spanish(fluent), English(fluent)

Programming: Java, C++, Python, C, C, Ruby, HTML/CSS, JavaScript, Bash, LaTeX

Organizations: Member, National Society of Collegiate Scholars - top 20% of engineering class (2016 - Now) · Member, ACSU Cornell University (2016 - Now) · Treasurer, Miami Dade College Chess Club (2015 - 16) · Participant, National Conference on Student Leadership (2015) · Senator, Student Government Association (2015) · Member, Phi Theta Kappa Honor Society (2014 - 16)

Volunteer: TECHO (Fundraised to eradicate poverty in Latin American Countries), MIA