

# Juan A. Martin

COMPUTER SCIENCE STUDENT · SOFTWARE ENGINEER

10401 SW 108th AVE Apt C237 Miami FL, 33176

☎ (786) 250 - 9334 | ✉ jam935@cornell.edu | 📱 JuanMartin93

## Education

### Cornell University, College of Engineering

*Ithaca, NY*

B.S Computer Science, Dyson Bussines Minor for Engineers

GPA: 3.83

Dean's List (all semester)

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 semester)

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 synchronize universities' data with their Salesforce account
- Stack: Django, Celery, PostgreSQL, Javascript/JQuery, HTML5/CSS3, UIki

### 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 answering 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 to 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
- Completed over 500 hours of community service through tutoring and volunteering in academic events

## 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 MINMAX Algorithm for AI controller for Five in a Row game, written in Java

## Skills / Interest

🗣 **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