Juan A. Martin

Education

Class of 2019 — **Cornell University, College of Engineering,** Ithaca, NY
B.S Computer Science · **GPA: 3.83** · Dean's list (all semesters)
Dyson Business Minor for Engineers

Class of 2016 — **Miami Dade College,** Miami, FL
A.A. Computer Science · **GPA: 4.00** · Dean's list (all semesters)
President's Volunteer Service Award – Gold (2016)
Annual Honors Convocation Mathematics – Upper Level (2015)

Relevant Coursework

Introduction to Database Systems · Data Structures and Functional Programming · Foundations of Artificial Intelligence, Computer Systems Organization and Programming · Discrete Structures · Object Oriented Programming and Data Structures · Unix Tools & Scripting · C++ Programming

Relevant Experience

August 2017 — Present — **Back-end Engineer,** *Startuptree*, Ithaca NY
- Co-developing micro app that syncronize universities' data with their Salesforce account
- Stack: Django, Celery, PostgreSQL, Javascript/JQuery, HTML5/CSS3, UIkit

Summer 2017 — **Back-end Developer Intern,** *Startuptree*, Ithaca NY
- Implemented 5+ new features to the company's mentorship module
- Participated in debugging and QA tasks

Spring 2017 — **iOS Developer-In-Training Program,** Cornell University, Ithaca, NY
- Learned Navigation/Subviews, MVC, UIKit Dynamics, UI Components and to fetch/parse JSON data
- Completed a project/iPhone application every week

Leadership Experience

August 2017 — Present — **Teaching Assistant, Intro to Database Systems,** Cornell University, Ithaca, NY
- Work with students in office hours to reinforce learning concepts, and help complete assignments
- Grade homework and answering questions in Piazza

2015 - 2016 — **Physics, Math, and Chemistry Assistant,** Miami Dade College, Miami, FL
- Tutored over 60 students in Physics and Single Variable Calculus
- Helped 37 students to improve their grades by 15 points

2013 - 2016 — **110-Feet Yacht First Officer,** Miami, FL
- Navigated more than 2000 nautical miles along the east cost
- Assisted in passage and navigation planning

Projects

April 2017 — **Heap Allocator,** Cornell University, Ithaca, NY
- Implemented "malloc", "realloc", and "free" functions using explicit list, written in C

November 2016 — **Five in a Row,** Cornell University, Ithaca, NY
- Implemented GUI and MINMAX 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#, Django, 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

10401 SW 108th Ave APT C237 – Miami, FL 33176
(786) 250 9334 • ✉ jam935@cornell.edu • ⌂ JuanMartin93