

## Education

**Cornell University**, Ithaca, NY – Bachelor of Science in Computer Science, GPA: 2.954 2015 – 2019  
Minor in Electrical & Computer Engineering

*Relevant Courses:* Object-Oriented Programming and Data Structures, Digital Logic and Computer Organization, Introduction to iOS Development, Intermediate Design and Programming for the Web

*Extracurricular:* Association of Computer Science Undergraduates, BigRed//Hacks, Society of Hispanic Engineers, National Action Council for Minorities in Engineering (NACME) Scholar, CUEmpower

**Miami Dade College**, Miami, FL – Associate in Arts (Dual Enrollment), GPA: 3.98, 2013 – 2015

**School for Advanced Studies**, Miami, FL – HS Diploma, Summa Cum Laude, GPA: 7.307 2013 – 2015

## Projects

**SmartBasket** – 2<sup>nd</sup> Place, Walmart Brick & Code 2.0 Hackathon

- iOS application to allow Walmart shoppers to participate in “shop sharing”
- Allows both shopper and seller to save on shipping costs, increasing shopper return rates and sales
- Developed for iOS using Swift 3.0, using Firebase for login verification

**[confidential]** – Under review for publishing

- iOS application that allows vehicle leasers to apportion mileage by time
- Formulated an algorithm to calculate predictive figures regarding future use based on vehicle specs, vehicle specs, and duration of lease
- Developed for iOS using Swift 3.0, using Firebase for login verification and a backend database to maintain user lease information

## Experience

**GE Aviation** – Digital Technology Leadership Program Intern Summer 2017

**CodeKids Camp** – Junior Instructor Summer 2016

- Taught students ages 7-13 the fundamental lessons of computer science, programming, and robotics
- Challenged, engaged, served, and communicated with students to encourage their participation and learning while maintaining mutual respect and value
- Designed and planned curriculum and small group projects to supplement the lessons

**Cornell Engineering CATALYST Academy** – Program Assistant Summer 2016

- Assisted course instructors staff with projects, field sessions, tours, and other activities throughout the one-week session
- Provided full-time, round-the-clock guidance and shared supervision for 47 participants
- Helped establish a sense of community among students and staff
- Assured full engagement and comprehension of program participants to all program activities including morning field sessions, afternoon project sessions, scheduled evening activities, and the final presentation session

**FIRST Robotics Competition Team #5329** – Founding member, Historian 2013 – 2015

- Worked with team members to design, build, and program a robot in six weeks for regional FIRST Robotics Competition in Ft. Lauderdale
- Contacted prospective sponsors and community members for fundraising, raising over \$9,000 in funds
- Documented the proceedings and progress of the team throughout the season through use of social media and technical documentation
- Placed 29<sup>th</sup> of 50 teams in the 2015 regional competition

## Skills

**Languages:** Swift, Java, Python,  
HTML/CSS, SQL, PHP, Javascript,  
Verilog, MATLAB

**Technical:** Github, Xcode,  
Solidworks, AutoCAD, MS Office

**Other:** Native Spanish speaker