

Education

Cornell University, Ithaca, NY – Bachelor of Science in Computer Science, GPA: 2.95 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 – 2nd 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

CodeKids Camp – Junior Instructor 2016 – 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 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 29th 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