Israel Figueroa Fontanez

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Programming
Angular Material Design, AngularJS, jQuery, nodeJS, HTML, CSS, Bootstrap, MySQL, Java, C, C++, C#, PHP, Python, Firebase Cloud Messaging, Unity3D, Matlab, Assembly, Git, SDK & API

Languages and Skills
Spanish • English
Math
Linux • Fedora
Teaching • Leadership
Innovation • Initiative
Creativity • Self-learning

Organizations
• CAHSI(The Computing Alliance of Hispanic-Serving Institutions)
• Idea Platform
• HKN, Engineering Honor Society
• IEEE, Institute of Electrical and Electronics Engineers
• ACM, Association for Computer Machinery

Interests

Develop and apply innovating skills as a Software Engineer.

Education

2012-2017	**BS.** Computer Engineering Major GPA: 3.79/4.00	University of Puerto Rico at Mayagüez

Experience

Present — **Front-end developer at Yiftee Startup** — *Menlo Park, CA*
Working with a software development team, creating Analytics and Marketing features for Yiftee customers.
Tools: AngularJS, HTML, CSS, & Ruby on Rails.

Present — **Software Team Lead at Idea Platform** — *University of Puerto Rico-Mayagüez*
•Lead a 3 members software development team.
•Deploying a responsive web-site for a science association(CienciaPR).
Tools: HTML, Bootstrap, PHP, MySQL, & Design Thinking Method.

2014-Present — **Mentor at Instituto de Investigación y Desarrollo para Estudiantes Dotados (IIDED)** — *San Juan, PR.*
Enabled fast thinking abilities of gifted students.
Tools: Python, Java, and Math.

Summer '16 — **Full Stack Developer at Optivon Startup** — *Guaynabo, PR.*
Created a messaging WebRTC(Real Time Communication) application.
Tools: Angular Material Design, Firebase, HTML, & CSS.

Fall '15 — **Full Stack Developer at Optivon Startup** — *Guaynabo, PR.*
Successfully deployed a web application that fetch emergency reports sent from a mobile application.
Tools: AngularJS, PHP, Parse, HTML, & CSS.

Summer '15 — **Research Assistant at Michigan State University** — *East Lansing, Michigan*
•Tested 3D Object Detection algorithms.
•Achieve a run-time complexity improvement by 33%.
Tools: Matlab & C++.

Projects

Leaping Space(Won 3rd Place at Hackathon 2015 - San Juan, PR)
Created a 3D space shooter game, where spaceship is controlled by hand gestures.
Tools: Unity Game Engine, C, Leap Motion Hardware.

Run With Myo's(Won Best Fitness Hack at Hackathon 2015 - Mayaguez, PR)
Invented a real life running game; merging fun with fitness.
Tools: Swift, Myo's Armband Hardware.

LinkedIn