Ishmael Perez

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EDUCATION

Computer Science B.A. Student @ Boston University
January 2019 – Present | Expected graduation date: May 2020

Computer Science B.S. Student @ University of Central Florida
August 2015 – December 2018 | GPA: 3.64

> - Completed coursework includes data structures, algorithm analysis, systems software, web graphics, and robot vision

WORK EXPERIENCE

Technical Intern @ Siemens Energy, Inc.
September 2017 – Present

> - Wrote back end Apex (Java-like) code to automate mass updates of cases after corresponding contracts are updated; lowered overhead cost by eliminating need for multiple manual updates.
> - Updated Visualforce (HTML-like) legacy code for wind division's case submission form and wrote robust Apex test classes to catch edge cases in field entries; saved time and reduced number of submissions canceled for missing/incorrect information.
> - Wrote script that updates Salesforce user data with data from corporate directory, saving the company considerable amounts of money monthly by deactivating costly licenses of inactive users.

PERSONAL PROJECTS // Visible on my GitHub

> - **Fitbit Ionic Watch Faces –** Taught myself JavaScript to code watch faces ("Maritime" and "Rays") using the Fitbit SDK. I also put these on the Fitbit app marketplace for download.
> - **Azure Chatbot –** Created a chatbot using Microsoft's LUIS natural language processor and hosted it on Azure during a Siemens hackathon. I led my team, created the front end, and coded in C# for the first time to write its back end. We won 2nd place!
> - **Personal Website and Tumblr Themes –** Have taught myself HTML and CSS since high school by creating Tumblr blog themes. I have since coded many websites for practice, like my own above.
> - **Forget-Me-Not –** Currently developing an Android app for bipolar individuals, acting as a live journal by retaining data like text entries, mood over time, and medication information for use in cognitive behavioral therapy.

SKILLS

Languages
Java, C, JavaScript, HTML, CSS, SQL

Platforms/Frameworks
Salesforce, Bootstrap, three.js

ACADEMIC PROJECTS/ACTIVITIES

> - Built a PL/0 compiler in C for my Systems Software class
> - Attended UCF Programming Team practices to practice problem-solving skills
> - Have participated in hackathons throughout Florida to cultivate skills not taught in my classes (e.g. mobile app development)
> - Member of Society of Hispanic Professional Engineers

COMMUNITY INVOLVEMENT

Co-Founder & Membership Coordinator @ QLatinx | June 2016 – Present

> - Co-founded nonprofit after Pulse tragedy to advocate for LGBTQ and Latin equality, advocacy, and community-building in Orlando
> - Have served on executive board planning and executing health fairs, workshops, fundraisers, and family events
> - Director of Community Cocina cooking class series and developer of the classes' cultural history curriculum

OTHER INTERESTS

Piano, illustration, National Parks, baozi