

Ishmael Perez

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EDUCATION

Computer Science B.A. Student @ Boston University

January 2019 - Present | GPA: 3.23 | Expected graduation: 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, artificial intelligence, and software engineering

WORK EXPERIENCE

Technical Intern @ Siemens Energy, Inc.

September 2017 - March 2019

- > Used Salesforce platform to speed up Siemens business processes such as turning leads to customers and optimizing server code so internal employees complete their duties faster.
- > Lowered overhead costs and saved hours of manual data entry time by writing back-end Apex (Java-like) code to automate mass updates of cases after corresponding contracts are updated, and refactoring legacy code to have lower runtime.
- > Reduced hours spent by Siemens employees completing wind turbine help requests by optimizing the code for the data entry form and minimizing the number of canceled submissions for missing/incorrect information.
- > Saved company thousands of dollars per month by contributing to a script that deactivates inactive SF users.

PERSONAL PROJECTS // All open-source and visible on [my GitHub](#)

- > **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.
- > **"Python Hand Gesture Recognition" Guide** - Wrote a step-by-step guide instructing users how to use the OpenCV library to code a Python application that recognizes hand gestures.
- > **Fitbit Ionic Clock Faces** - Self-taught JavaScript to code three unique clock faces for the Fitbit Ionic smart watch using the Fitbit SDK, including a retro LCD Game & Watch-style face.
- > **"Building a Website with Bootstrap" Guide** - Created a simplified guide to using Bootstrap, HTML, and CSS to make a basic portfolio page for people new to web development.

SKILLS

Languages

Java (Expert), HTML5/CSS3 (Skilled), JavaScript (Proficient), Python (Proficient)

Platforms/Frameworks

Salesforce, Bootstrap, three.js

ACADEMIC LEADERSHIP

Rising President @ MakeBU coding club

(elected April '19)

- + Developed workshop curriculum to teach students coding skills not taught in classes
- + Created module-based lesson plan to develop student software engineering skills

Member of Upsilon Pi Epsilon computer science honor society

Member of the Society of Hispanic Professional Engineers

COMMUNITY LEADERSHIP

Co-Founder & Membership Coordinator

@ [QLatinx](#) | June 2016 - October 2018

- + Co-founded nonprofit after Pulse Nightclub tragedy in Orlando to advocate for LGBTQ and Latin equity and to foster community
- + Established first-of-its-kind cooking class series and developed the classes' cultural history curriculum. Served hundreds of people since its start in August 2017 and still runs
- + Served on executive board by coordinating workshops, fundraisers, and family events

OTHER INTERESTS

Piano, illustration, National Parks, baozi