

Ishmael Perez

Software engineer seeking part-time roles for spring 2020 and full-time roles after graduation

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Education

B.A. in Computer Science - Boston University

Jan. 2019 - Present | Grad: May 2020

- Completed coursework: data structures, algorithm analysis, software engineering, networks, artificial intelligence
- Transferred from University of Central Florida (studied from Aug. 2015 to Dec. 2018). Cumulative GPA: 3.23/4.0

Experience

Software Engineer Intern - Drift.com

Boston, MA | Jul. 2019 - Dec. 2019

- Built prototype for Drift Video app on Android using Kotlin in Android Studio, extending reach to countless new users
- Implemented OkHttp and CameraX libraries for HTTP requests/JSON parsing and video recording respectively. Verified HTTP request/response correctness using Postman
- Built test suite for Drift iOS app UI using Xcode's XCTest framework. Caught bugs before deploying to production
- Coded UI components in Swift including login and detail page views while adhering to model-view-controller framework

Technical Intern - Siemens AG

Orlando, FL & Remote | Sep. 2017 - Mar. 2019

- Coded back-end Apex triggers and classes to automate data processing in the company's Salesforce environment
- Saved countless hours of overhead by automating processes that were previously performed by hand (e.g. data entry and invalid data removal in the wind energy division) using SQL queries and Apex
- Wrote accompanying test classes for all Apex code to guarantee code coverage and correct processing of edge cases

Extracurricular

Trainee Mentor - Wallbreakers

Remote | Oct. 2019 - Present

- Hold office hours to guide Wallbreaker trainees through LeetCode problems to strengthen software engineering skills
- Conduct resume reviews and mock interviews to prepare trainees for tech interviews and careers

Member - Society of Hispanic Professional Engineers (SHPE)

Boston University | Jun. 2019 - Present

- Attend and volunteer at extracurricular events such as workshops and community events
- One of less than 10 recipients of national Chevron SHPE Scholarship

Member - Upsilon Pi Epsilon (UPE) National CS Honor Society

Boston University | Mar. 2019 - Present

- Meet weekly to work on projects, solve coding problems in teams, and help underclassmen reach their CS-related goals

Co-Founder and Membership Coordinator - QLatinx

Orlando, FL | Jul. 2016 - Oct. 2018

- Co-founded nonprofit organization after Pulse Nightclub tragedy to advocate for LGBTQ and Latin communities
- Created and directed "Community Cocina" cooking class series to educate community about Latin culture and cuisine

Training

Facebook Above & Beyond Computer Science Program

Cambridge, MA | Sep. 2019 - Nov. 2019

Wallbreakers Software Engineering Training Program

Remote | Apr. 2019 - Jun. 2019

- For both programs, completed weekly coding problem sets and mock interviews to bolster software engineering skills

Projects

// All project source code is visible on my Github

Forget-Me-Not - iOS app offering mental health management tools to aid bipolar users in cognitive behavioral therapy

How to Create a Website in Bootstrap - Guide to coding a simple portfolio site using Bootstrap and custom HTML/CSS

Fitbit Ionic Clock Faces - Taught myself Javascript to code three clock faces for the Fitbit Ionic watch using Fitbit SDK

Python Hand Recognition - Guide to using Python with OpenCV2 library to recognize hand gestures via camera

Skills

Languages

Java (Expert), Kotlin (Skilled), Swift (Skilled), HTML/CSS (Skilled), Python (Proficient), Javascript (Proficient)

Tools

Android Studio, Xcode, Salesforce, Bootstrap, Postman, OkHttp