

Ishmael Perez

New grad seeking full-time software engineering roles

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Education

B.A. in Computer Science - Boston University

GPA: 3.1 | Graduated May 2020

- Completed coursework: data structures, algorithm analysis, software engineering, networks, artificial intelligence

Experience

Innovation Fellow - BU Spark! Lab

Boston, MA | Jan. 2020 - May 2020

- Built Forget-Me-Not, an iOS app to help people with depression/bipolar disorder track their moods and improvement
- Used Swift to build the app using MVC framework, met with law clinic, and applied to pitch competitions for funding

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
- 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
- Automated 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

Extracurriculars

Trainee Mentor - Wallbreakers

Remote | Oct. 2019 - Mar. 2020

- 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 - May 2020

- 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 - May 2020

- 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