Ishmael **Perez**

Software Engineer at Apple

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Education

B.A. in Computer Science – **Boston University**　　　　　　　　　　　GPA: 3.1 │ Graduated May 2020
- Completed coursework includes data structures, algorithm analysis, artificial intelligence, and computer networks
- Member of Upsilon Pi Epsilon computer science honor society and Society of Hispanic Professional Engineers

Experience

Software Engineer – **Apple**　　　　　　　　　　　　　　　　Cupertino, CA │ Sep. 2020 - Present
- Develop back-end for Apple Pay and Wallet services using Java

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 XCUITest 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
- Automated data entry and invalid data removal in the wind energy division using SQL queries and Apex
- Wrote accompanying test classes for all code to guarantee coverage and correct processing of edge cases

Community

Member & Volunteer – **Out in Tech**　　　　　　　　　　Boston, MA & Remote │ Jan. 2020 - Present
- Attend inclusion trainings and support ally organizations through events like Digital Corps website development sprint
- Mentor for Digital Mentorship Program, helping a university student develop personal projects and engineering skills

Trainee Mentor – **Wallbreakers**　　　　　　　　　　　　　　Remote │ Oct. 2019 - Mar. 2020
- Held office hours to guide trainees through LeetCode problems to strengthen software engineering skills
- Conducted resume reviews and mock interviews to prepare trainees for tech interviews and careers

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