

# Ishmael Perez

Front-End / Full Stack Software Engineer

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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 - Present

- 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
- Currently build comprehensive test suites for Drift iOS app using Xcode's XCUITest framework. These tests have caught several bugs and prevented them from entering production

### 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

- Recipient of Chevron SHPE Scholarship

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

Boston University | Mar. 2019 - Present

### 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 - Present

### Wallbreakers Software Engineering Training Program

Remote | Apr. 2019 - Jun. 2019

- For both programs, complete(d) 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