

Stephanie Gu

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Skills

Languages *Swift, Objective-C, C/C++, JSX, Python*
Frameworks *React, UIKit, Quick, XCTest*

Experience

Wish (ContextLogic)

INCOMING SOFTWARE ENGINEER

San Francisco, CA

Jan. 2021 – Apr. 2021

Autodesk (Plangrid)

MOBILE ENGINEER

San Francisco, CA

Jan. 2020 – Apr. 2020

- Implemented features end-to-end in iOS (Swift, Objective-C) and Android (Kotlin) with spec writing, structure design and implementation, API calls, unit testing, deployment
- Deployed architectural patterns MVC and Flux in iOS app to write reusable and efficient components
- Designed efficient architecture of features to ensure and improve performance with large photo libraries
- Wrote unit tests using testing frameworks Quick and XCTest
- Debugged various problems related to pointers and threads, circular dependencies, UI and more

Osellus Mobile

iOS DEVELOPER

Toronto, ON

May. 2019 – Aug. 2019

- Worked closely with CTO to make significant contributions to the company flagship app using **Swift**
- Designed the implementation of new chat feature and took full ownership of its development
- Applied asynchronous programming to implement faster, optimized user experience
- Improved performance of app features by reorganizing data structure for large volumes of data

Projects

EcoStore (Hack the North) – Swift – <https://github.com/stephaniegu4/EcoStore>

- Lead development of iOS app which gamifies recycling to create incentive for users to recycle more
- Created an image recognition model using Microsoft Azure and Core ML to verify recyclable material

stephgu.me – React, JSX – <https://github.com/stephaniegu4/personal-website>

- Designed and implemented a single page web app using React, and CSS

Achievements

- Report on MVC vs. Flux architectures received exemplary identification in work-report writing course taken by 1500+ students, 2020
- John Terrence Flanagan Engineering Scholarship, 2018

Education

Candidate for Bachelor of Computer Science – University of Waterloo

2018 – Expected 2023