

Stephen Chen

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Skills

Development • Java, Swift, C, Python, Bash, HTML5/CSS3, Git, JavaScript, jQuery, SQLite

Tools • Xcode, VSCode, Terminal, Photoshop, Illustrator, Inkscape, Sony Vegas

Experience

Rogers Communications • iOS Application Developer • Toronto, ON May. 2019 – Aug. 2019

- Implemented and deployed a **deep-linking push-notification** feature for news brands using the **singleton design pattern** in **Swift** to allow instant access to content for more than a **couple hundred thousand users**
- Co-maintained the code base for 70 **iOS** apps, and 6 **watchOS** apps in **Xcode** to fix create a bug-free experience for a **couple hundred thousand users**
- Created a **bash** script along with **XCUITests** that fully automated screenshotting for 70 iOS apps in 5 different devices to submit to the app store, reducing the need to manually screenshot by **100%**
- Provided solutions for multiple projects with a team through **agile** methodologies such as **scrum**

Richard L'abbe Makerspace • Makerspace Volunteer • Ottawa, ON Oct. 2018 – Dec. 2018

- Assisted a volunteer leader with a design project to decorate the new Makerspace in STEM
- Assisted students with 3D Printing and laser cutting by introducing **Inkscape** to create 3D prints and laser cuts

Toronto Thinks • Graphic Designer • Toronto, ON Sep. 2016 – Nov. 2016

- Coordinated with publicity team for creating social media posters using **Photoshop** and **Illustrator**
- Created several designs for promotional usage
- Advocated ideas in team meetings

Projects

Repairify • Java, SQLite, Android Studio

- Developed a Java-based **Android** application using **Android Studio** with a team of students
- Utilized a **SQLite database** to store information regarding services, homeowners, service providers and other relevant information to successfully store and book a service
- The app is to allow homeowners to book service providers from services created from an admin account

Personal Website • HTML5, CSS3, JavaScript, jQuery

- Created a fully-functional responsive website to display projects, information about myself, and future work experience

Blockchain • Java

- Created a blockchain variation using the SHA1 hashing method
- Implemented a function that checks the validity of a block's hash with respect to its former's previous hash

Education

University of Ottawa • BAsC in Computer Engineering

Sep. 2017 – Apr. 2022

Relevant Courses

Intro to Computing I; Intro to Computing II; Data Structures and Algorithms; Digital Systems; Computer Architecture I