Alfred Tak Cheng Chang

☐ (1)604-442-9118 ✉ alfredchang1092@gmail.com 	in linkedin.com/in/alfredchang1092

○ github.com/changalfred

EDUCATION

University of British Columbia Vancouver, BC
Bachelor of Arts in Computer Science *Sep. 2011 – May 2022*

EXPERIENCE

Mobile Developer (Android) Sep. 2021 – Dec. 2021
Royal Bank of Canada *Toronto, ON*
- Annotated Figma designs with XML views to improve reusability of views in new features
- Implemented accessibility features using Android's Talkback
- Maintained model-view-viewmodel (MVVM) architecture for easier debugging and testing

Mobile Developer (Android) Jan. 2021 – Apr. 2021
Later *Vancouver, BC*
- Developed new feature to streamline user-tagging in posts, enhancing productivity of paid users
- Resolved critical bugs and reported to QA lead to ensure seamless experience for clients
- Implemented notifications to alert users of third-party API updates
- Documented tech specifications of new features for efficient tracking

Software Developer in Test (Android) Sep. 2020 – Dec. 2020
Global Relay *Vancouver, BC*
- Maintained high coverage and accurate test cases prior to releases
- Conveyed novel ideas and improvements in daily scrum meetings
- Performed regression, integration, and exploratory tests to ensure smooth app user experience
- Documented bugs and tech debts in tickets

PROJECTS

Nobel Prize Winners Around the World | *JavaScript, D3.js* Mar. 2022 – Apr. 2022
- Developed a data-driven web app that consumes static data and presents it in a visualizable format
- Utilized effective visual design principles to illustrate data patterns

Popcorn | *Android, XML, SQLite, Java, Git* Sep. 2017 – May 2019
- Developed an Android app that allows users to view popular and top movies in a grid layout
- Utilized Android libraries such as ButterKnife, Volley, and LoganSquare to bind views, handle network requests, and parse JSON data
- Implemented options to save movies and sort movies

InsightUBC | *HTML5/CSS3, TypeScript, jQuery* Jan. 2017 – Apr. 2017
- Designed and developed a web app that fetches static data based on user input and outputs the result
- Constructed REST endpoint to retrieve data

TECHNICAL SKILLS

Languages: Java, Kotlin, SQL (MySQL), Golang, JavaScript, HTML5/CSS3
Frameworks: JUnit, Espresso
Developer Tools: Android Studio, Git/Github, VS Code, Webstorm, IntelliJ, Eclipse, Jira/Confluence, CircleCI, Jenkins
Libraries: Retrofit 2, Gson, Glide, Room, Dagger 2, D3.js