**Omansh Arora**

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# **OBJECTIVE**

# To obtain a Software Engineer role

# **SKILLS**

* Proficiency in C++ and Java
* Proficiency in OOP (Object-oriented programming)
* Proficiency in Front-end web development using HTML, SCSS, JavaScript
* Proficiency in using Rest APIs
* Experience in creating and utilizing Docker containers
* Experience in creating and utilizing Python automated testing libraries
* Experience with memory management and dynamic allocation
* Experience in team-based AGILE development
* Experience with Git

**PERSONAL PROJECTS**

**ePortfolio –** HTML, CSS, JavaScript - <https://omansharora.netlify.app>

* Used advanced HTML, CSS, and JavaScript to develop a website which showcases my skills
* Used JavaScript to implement a “contact” page where employers can contact me for further inquiries
* Used Heroku to turn it into a web application which is live online

**Java Package Delivery Tracker –** Java - <https://github.com/omansh-arora/Java-Package-tracker>

* Used OOP and Java with intelliJ to build a package delivery database
* Used GSON libraries and Rest APIs to store the database locally
* Used Springboot to create a web server to host the database of packages

**“Perfect parent” Android application -** Java and Android studio - <https://github.com/omansh-arora/Parent-app>

* Application to make parents lives easier, with features such as timers, coin toss, meditation
* CRUD Functionality, Creation/deletion/editing of child profiles, using these profiles for the various features
* Using SharedPreferences and JSON to store previous instances and data
* Team project, using AGILE development with various iterations and user-stories
* Using Git

**“Minesweeper” Android application -** Java and Android studio - <https://github.com/omansh-arora/Minesweeper>

* Basic minesweeper game using random object generation and object and interface classes
* Team project, using AGILE development
* Using Git

**EXPERIENCE**

Electronic Arts *2022**— Associate Software Engineer Co-op*

* Created a Python wrapper library to interact with web application
* Created an automated test suite within Python
* Created and deployed a Docker container to isolate testing

Simon Fraser University *2021-2022**— Service Desk Technician*

* Solved and escalated service tickets through online ticketing software
* Assisted professors and students with issues over the phone
* Assisted walk-in students and professors with technology related problems

**EDUCATION**

* Simon Fraser University for Bachelor Computer Scienc**e** (**2nd** year)