**Omansh Arora**

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**OBJECTIVE**

# To obtain a Software Engineer co-op role to gain real-world industry experience and learn new skills

# **SKILLS**

* Proficiency in C++ and Java
* Proficiency in OOP (Object-oriented programming)
* Proficiency in web development using HTML, SCSS, JavaScript, Node JS, MongoDB
* Proficiency in creating Android applications using Java and Android Studio
* Experience in creating and utilizing Docker containers
* Experience in creating and utilizing Python automated testing libraries
* Progressing along course to learn about blockchain, DeFi web apps, NFT minting, and creating an NFT Marketplace
* Experience in team-based AGILE development
* Experience with Git

**PERSONAL PROJECTS –** You can see all my personal projects on my GitHub - https://github.com/omansh-arora

**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 which could be used by mail carriers/ e-commerce to check delivery status of packages and/or inventory.
* 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
* Team project, using AGILE development with various iterations and user-stories to understand better a real world audience
* Used Git and version control to interact with my team and achieve real world experience

**“Artist Database” –** C++ - [https://github.com/omansh-arora/Artist-Collection-Databaser](https://github.com/omansh-arora/Minesweeper)

* Created an intricate C++ database to create, search for, and delete artists, in order to demonstrate my C++ knowledge
* Created with OOP ideologies, and professional code style
* Database stored locally, using txt format, but easily adaptable to use an online DB instead

**EXPERIENCE**

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

* Created a Python wrapper library to give tech artists a way to interact with a workflow management application
* Created an automated test suite within Python which thoroughly tested the API to ensure no bugs were possible
* Created and deployed a Docker container to isolate testing which was also used in the CI/CD pipeline as part of the team’s regular testing for the application
* Followed AGILE ideologies, with weekly SPRINT meetings and heavy team collaboration
* Received a wonderful evaluation from my manager and was nominated for Co-op student of the year

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

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

**EDUCATION**

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