**Allen Lu**

Edmonton, AB ▪ (604) 788-6862 ▪ [aplu@ulaberta.ca](mailto:aplu@ulaberta.ca)

**Software Developer**

Accomplished undergraduate computer science student with experience in Android App Development and general-purpose Python development. Notable success in executing projects involving app development, API development, and deployment. Excel while meeting exacting standards, quality objectives, and timelines. Aim to demonstrate my analytical, interpersonal skills and professionalism. Proficient in numerous programming languages, general team management, and communication. Actively seeking a Computing Science Internship in Software Development.

***Areas of Expertise***

|  |  |  |
| --- | --- | --- |
| * Python | * Java | * Android Studio |
| * C/C++ | * SQL | * Microsoft Office |

***Professional Experience***

Weightlifting Android Studio Project

**Gravity – Android Mobile App April 2019 – Present**

*Insert brief blurb about the main achievements*

*Git link:*

* Android Mobile Phone Application suited for Powerlifting-specific weightlifting
* Utilizes Google Firestore API to keep track of User Data, progress, and achievements
* Creates a game-like achievement system that compares User’s progress to real Powerlifting Federations
* Plots user work-out numbers on a line graph that can be found under the user’s profile
* Integrated 1-rep-max calculator that auto-updates the user’s achievements and progress

Crime Statistic Database Program

**Crime Statistic UI – Edmonton Open Data Intiative March 2019 – April 2019**

*Insert brief blurb about the main achievements*

*Git link:*

* Simple Command Line Interface that allows for simple queries
* Embedded SQLITE3 Queries in Python to create a simple UI
* Imported Pandas and Folium Libraries to plot queried data onto graphs
* Menu Entry runs 1 of 4 Queries depending on user input
* Each Require Additional input, such as year

***Education, Professional Development, and Awards***

**Bachelor of Computer Science –** University of Alberta – (Graduating April 2021)