**Allen Peng Lu**

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Actively seeking a Computing Science Internship in Android App Development or General Software Development. My Ongoing personal projects with Android Studio and general programming background in multiple Languages will offer great insight and skill to any development team.

**Education**

* Computing Science, University of Alberta (Sept 2016 – Scheduled for April 2021)
  + Completed CMPUT 204 – Algorithms I
  + Completed CMPUT 291 – File and Database Management
  + Completed CMPUT 301 – Intro to Software Engineering
  + Completed CMPUT 379 – Intro to Operating Systems

**Personal Projects**

**Git handle: ApluUalberta**

**Weightlifting Android Studio Project (April 2019 – Present)**

Gravity – Android Mobile App

Github Link: <https://github.com/ApluUalberta/Gravity>

* Utilizes Google Firestore API to keep track of User Data, progress, and achievements
* 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

**Mood Tracker Android Studio Project (September 2019 – December 2019)**

Glo – Android Mobile App

Github Link: <https://github.com/CMPUT301F19T03/GroupProject1>

* Android Mobile Phone Application for Tracking a User’s Moods at a given time
* Google Firestore API to keep track of User Moods, social situations, locations, and followers
* Allows users to follow, and approve follower requests to each other
* Utilizes Google Maps API to track User Mood locations on Google Maps

**Skills and Qualifications**

* 9 Months of Python Programming Experience
* 7 Months of Android Studio/Java Experience
* 1 Year of C/C++ Programming experience
* 4 Months of SQL/Python database Programming

**Hobbies**

* Powerlifting, Drone Photography, RC Vehicle Modification, E-Commerce Entrepreneurship