**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.

**Skills and Qualifications**

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| * Python | * Android Studio/Java | * C/C++ |
| * Python SQL |  |  |

**Education**

* Computing Science, University of Alberta (Sept 2016 – Scheduled for April 2021)

**Personal Projects**

**MoodTracker Android Studio Project (September 2019 – December 2019)**

Glo – Android Mobile App

Github Link:[**https://github.com/ApluUalberta/GroupProject1**](https://github.com/ApluUalberta/GroupProject1)

* Android Mobile Application to track a User’s moods
* Utilizes Google Firestore to keep track of User Mood History, specific mood reasons, social situations, reasons, and locations
* Allows user profiles to interact with other users to request and approve followers
* Uses Google Maps API to display moods on a map, as well as a map for a followed user’s most recent mood.
* Java

**LPT-Johnson Scheduling C Program (September 2019 – December 2019)**

File Instance Generator and Average Plotter

Github Link: <https://github.com/ApluUalberta/LPT-Johnson-Scheduler>

* Takes in files (-i argument) or generates 400,000 Random File instances (-r argument)
* Schedules specified number of Jobs with a specified size using LPT and Johnson Scheduling
* Calculates Average Ratios of Processing Time of file groups and Plots them on 2d, and 3d graphs

**Hobbies**

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