

Allen Lu

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Andrew Smith

1401 1 St SE

Calgary, Alberta T2G 2J3

Re: Software Developer Intern (12 Months)

To Andrew Smith,

As a passionate and fast-learning problem solver that is well-versed in developing mobile software applications and database programming, it is with great excitement that I have submitted my resume for consideration to be a 12-month software developer intern at Hitachi Systems Inc, Calgary. As an efficient and vocal team-oriented developer I am well-versed in object-oriented design, refactoring, and testing in combination with my experience designing, programming, and prototyping Arduino products to solve real-world problems. I am prepared to contribute to your company's technological goals in enhancing and maintaining product subsystems for screens, unattended services, and data loaders while performing any risk assessments, accessibility improvements, and experiments necessary to ensure quality and efficiency.

I am currently in 3rd year pursuing a degree in computing science with a specialization in software practice at the University of Alberta. My focus is on using and understanding software on multiple levels, database design and programming, computer architecture and the application of discrete mathematics in algorithm design. Please look at the following project examples from my resume, which outlines the competencies that I can leverage to further the goals of at Hitachi Systems Inc, Calgary.

- Designed, developed, and tested an elegant and efficient Mood-Tracking Android Studio mobile application in a team of 6 developers using Java, Github pull requests, Google maps, and Firestore API
- Created a crime-statistic program with SQLite3 embedded Python with a terminal interface that allows the user to generate graphs and data using Edmonton's crime data
- Currently developing a custom Arduino lock for a powerlifting gym while listening to customer concerns and criticisms to create newer and improved versions
- Currently developing an all-in-one powerlifting application to test a user's one-rep-max, track their progress for every input, and compare their achievements to real federations

My resume provides further detail about the unique skill set and passion I can bring to your team. I truly believe that my experience in programming coupled with my knowledge in software and hardware design prototyping will allow me to excel in the at Hitachi Systems Inc software developers' environment. I hope we can schedule an appointment to talk, thank you for the consideration.

Sincerely,

Allen Lu