

# Daniel (Hanum) Lee

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## EDUCATION:

### University of Calgary

September 2015 – May 2020

#### Bachelor of Science with Major in Computer Science

- Concentration in Human Computer Interaction
- Science Dean's List 2019/2020

## WORK EXPERIENCE:

### 8 Bit Cortex

June 2020 – Current

- Working as Full Stack Developer
- Worked as team of 3 developers to develop web game for assessing mental health which resulted in granting funds from Neuro Nexus and AWS (total of \$12000)

### Advertiise

February 2020

- Internship – Quality Assurance and Full stack web application development

### Foothills Hospital

May – August 2017

#### Hotchkiss Brain Institute Summer Student Research

- Developed a program for the research laboratory using C# to measure the movement of a Styrofoam ball in the x-y coordinate system to minimize human error.
- Troubleshooted the program by analyzing the code and research potential solutions.
- Discussed with platform director on a weekly basis about the progress and technical issues with the program.

## PROJECTS:

### DJLoveLace

- Team leader
  - Held weekly meeting with teammates to ensure that project was going corresponding to timeline
- Collaborated with two teammates to develop augmented reality application for Windows desktop using Vuforia and Unity which can alter elements of music

### Virtual Reality Haptic Feedback Application

- Developed 3D virtual application for Windows using Unity and OpenHaptics

### Innovation for Health 2019

- Collaborated with 4 teammates to develop an application of emotion recognition with augmented reality for children with autism.
- Exported the application to HoloLens and Android
- Held exhibition in TELUS Spark

## TECHNICAL SKILLS:

- **Computer Languages:** Python, C#, Java, C++, Javascript, Swift, SQL, Linux Shells, Latex, HTML, CSS
- **Frameworks:** Tensorflow, Django, Express, NodeJS, Vuforia, OpenHaptics, OpenGL
- **Operating Systems:** Windows, Mac OS X, Linux (Ubuntu)
- **Tools:** Git, Visual Studio, Unity, Docker, Visual Studio code, Amazon AWS, XCode, Eclipse, Oracle Virtual Box

## TRANSFERABLE SKILLS:

- **Teamwork:** Worked with team members in various course projects and meeting with team members weekly to discuss and work on project.
- **Analytical and Problem-Solving:** Analyze and debugged several programs with optimal solutions and fixed the problem.
- **Organizational:** Organizing task and paying attention to details and ability to meet deadlines
- **Language Proficiency:** Fluent in English and Korean. Intermediate in Japanese (N2 Level in Japanese Language Proficiency Test)