

Aaron Gao

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SKILLS

Languages: Python, Java, Javascript, Typescript C#, C++ HTML & CSS

Technologies: Linux, MySQL, MongoDB, Git, Gradle, Data Structures

Frameworks: React, Node.js, Django

EDUCATION

University of Calgary

Expected Graduation June 2024

Bachelor of Science in Computer Science

Calgary, AB

Jason Lang Scholarship | *Awarded to post-secondary students with a GPA of at least 3.2/4.0*

Jan 2022

PROJECTS

Hungry Caterpillars (Android Arcade Game) | *Java, Libgdx*

Dec 2021 - Present

- Uploaded APK file to the Google Play Store generating 100+ downloads
- Collaborated with a partner and developed group management skills using Git

Chatly (Messenger Application) | *Typescript, React.js, Node.js*

Jul 2022

- Developed the back-end using Node.js to save, store and retrieve user databases
- Used Socket.IO to enable real-time communication between users in Chatly
- Designed and styled the Graphical User Interface using cascading style sheet files

React Portfolio (Portfolio Project) | *Javascript, React*

July 2022

- Demonstrated ability to leverage useState to create interactive and dynamic user interfaces
- Synchronized EmailJS API to integrate email sending functionality into web applications

Captain Kenyu (Android Platformer Game) | *Java, Libgdx*

Dec 2020

- Uploaded APK file to the Google Play Store generating 20+ downloads
- Implemented dependencies for getting Ad requests from Admob to fund the application
- Experience with tile map editor software called Tiled which can be integrated with Java Tmx library that renders map onto the game

COMMUNITY INVOLVEMENT

Competitive Programming Club (University of Calgary) | *VP Student Engagements* **Sept 2022 - Present**

- Advertised through different social media platforms to increase club membership by up to 20%
- Organized community events with over 100 participants
- Liased with corporate partners for sponsorship opportunities, increasing club investment by 15%

WORK EXPERIENCE

Tutor Doctor | *Mathematics, Science & English Tutor*

Feb 2020 - Present

- Communicated and guided with over 20 students from junior high to high school and enabled them to achieve a deeper understanding on course material
- Increased problem solving skills by being able to adapt to any given academic problem being assigned at an spontaneous rate
- Interacted with a diverse range of clients and adapted to their learning requirements