



Haoliang(Davis) Qi

Computer Science Major, Year3

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EDUCATION

Bachelor of Science, Majoring in Computer Science.

Sep 2018 - May 2023

The University of British Columbia, Vancouver Campus

- GPA: 3.7/4.0 (for computer science courses).
- Top 10 website design project in 2018W COSC 122.
- Top 10 computer animation assignment(**Armadillo With the Portal**) in 2021W CPSC 426.

TECHNICAL SKILLS

* currently acquiring

- **Programming:** JavaScript, CSS, Java, TypeScript, C*
- **3D graphics:** GL Shading Language*, WebGL*, Three.js*
- **Tools/Environment:** IntelliJ, Visual Studio Code*, R Studio*, Eclipse

TECHNICAL PROJECTS

Dungeon Fighter (Idle game)

Sep 2020 – Jan 2021

- Developed a single-player idle game that allows players to fight with different monsters and gain selected trophies(including usable items), the player's character becomes stronger as defeating more monsters.
- Implemented data persistence with the PrintWriter class, parse methods, and data text files, allowing for user's character data and game progress to be saved locally.
- Java Swing is used to create the GUI of the game.

Armadillo With the Portal

Jan 2022 - Feb 2022

- A loop animation demonstrating a fight between two armadillos. The loser is blasted by a laser and being sent to a portal and a new Armadillo will come out from the sky.
- Created by JavaScript, WebGL, Three.js using keyframing, spline-based motion interpolation. 3D models were in .obj and .gltf format.
- Helped professor figure out a way to load .gltf file into JavaScript without losing model's color

Easy-drive website

May 2022 - now

- The ultimate website for finding a local driving instructor nearby or post our own business by registering as an instructor. The explore page contains all the instructors information and a filter panel is provided to help users to find instructors that suit them the most. Users can also register as a student/instructor and edit your profile.
- JavaScript and SCSS are used for building frontend; Redux, Express, MongoDB are used for creating backend; and Heroku is used to deploy the website.

WORK EXPERIENCE

Coaching video game, MAX CLUB discord

Aug 2021 – Mar 2022

- Playing with and ranking up with customers, and coaching them to learn the deep mechanism involved in game using both English and Mandarin depending on customers' preference.
- Log in with customers' game ID and directly help ranking up their game account efficiently.

Food deliverer, Fantuan Delivery

May 2022 - now

- Properly load, organize, and secure equipment and orders, ensuring all items are delivered intact.
- Drive safely in all types of weather and follow traffic laws to protect company property and the general public.
- Manage time effectively to make deliveries on time, maintaining high customer satisfaction and building brand reputation.