Victor Li

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Personal Website

EDUCATION

Honours Bachelor of Science in Computer Science (Co-op) - CGPA 9.08/10   **Sep 2019 – Jun 2024**
University of Ottawa, Ottawa, Ontario

WORK EXPERIENCES

Full Stack Software Developer (Return offer, 4th Co-op Term)   **May 2023 – Aug 2023**
Ross Video Ltd., Ottawa, ON
- Solved the problem that Junit cannot mock the functions which is static but needs to be validated.
- Contributed to the development of a high-complexity enterprise software suite, primarily focusing on the front-end interface using React.
- Collaborated with cross-functional teams to ensure alignment of front- and back-end processes, improving performance and user engagement.

Full Stack Software Developer (3rd Co-op Term)   **Sep 2022 – Dec 2022**
Ross Video Ltd., Ottawa, ON
- Implemented new features and functions based on the requirements.
- Wrote Junit to test new functions and renamed the test functions by naming standards to improve readability.
- Contributed to early design phase team discussion for an upcoming product.

Front-end Web Developer (2nd Co-op Term)   **Jan 2022 – Apr 2022**
University of Ottawa, Ottawa, ON
- Expand the usability of the university navigator webpages.
- Visualized the data collected from the database.
- Applied the Google map API into the front-end webpage to display the distance and time cost between different addresses.

Client Developer (1st Co-op Term)   **May 2021 – Aug 2021**
Shengqu Gaming, Shanghai, China Created 8 automated processing programs in Python, streamlining repetitive tasks and enhancing productivity.
- Designed the automation packaging script to compress the whole packaging process in one step and allow non-programmer to package the game source.
- Building new UI components in Unity based on the requirements.

SKILLS

- **Front-end:**   React, .Net, Bootstrap, NextUI, JavaScript, NextJS
- **Back-end:**   NodeJS, Java, Python, Express.js, C#, PHP
- **Database:**   SQL, MongoDB, PostgreSQL
- **Testing / CICD:**   Jenkins, Postman, Jira
- **Other:**   Git, Pandas , Pytorch, Tensorflow, Unity3D, etc.

PROJECTS AND AWARDS

- Honour Project: AI Student Advisor · GitHub
  - Defined the API standard and used a shared API schema for both front and back end to ensure the API consistency.
  - Applied the Zod schema validator to check the weakly-typed data
- Dean's Honours List (2019 – 2024)

REFERENCES AVAILABLE UPON REQUEST