

# YULIN XIA

University of Waterloo | Electrical Engineering

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## PROFILE SUMMARY

Shown exceptional capability in collaboration and cooperation in previous part-time job, lab and various extracurricular activities. Take initiative to accomplish goal in the mean of learning new knowledge and skills, always being enthusiasm in adopting new techniques and knowledge. Being self-motivated and demonstrate a great time management skills and self-learning in academic and professional activities.

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## TECHNICAL SKILL

Languages:	C/C++, HTML5, Node js, Mysql, Javascript, CSS3, python
Environment:	Windows, Linux
Tools:	POSTMAN, Docker, AWS, Oracle

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## PROJECT

### Website for a Café

The project composes of a **MySQL** database that can be setup via **docker**, middleware supported by **Node js** and frontend written in **HTML** alone with **CSS**.

The website achieves the transferring of data between frontend and the backend database, by allowing users to make reservation and the admin to view all reservations at the frontend.

### Alien-invasion Game

A simpler version of Space Invaders written in **python**; which is based on the **pygame** module. Implemented a user-friendly UI for the game, along with clean and consistent game interface and graphics

### Back-End development for shopping website

The website connects to a backend database, includes basic frontend webpage written in **HTML** and middleware by **Node js**.

### Personal website

This webpage is hosted by **Apache framework** hosted on **AWS** Linux server and moved to **Oracle Ubuntu** instance. The homepage is written by **HTML** and **CSS**.

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## WORK EXPERIENCE

### Math Tutor

Jan, 2022 – Jun, 2022

- Being referred by home room teacher as math tutor regarding to the outstanding academic performance.
- Tutored math for Grade 11 student, improved the student's grade by a great extent and obtained a high evaluation from the clients by the end of the term.
- Demonstrated excellent communication skills, great sense of responsibility and enthusiasm of work.