

## SKILLS

- **Languages:** JavaScript, TypeScript, Python, Java, and Racket.
- **Web development:** ReactJS, Angular, Firebase and Express.js.
- **Tools:** Git, Bootstrap, FontAwsome, Selenium and Tkinter.

## WORK EXPERIENCE

### Frontend Web Developer - Atlas365

Jul - Sep 2020

- Improved the UI design of **5** components in **Angular** website ( in **Typescript**) with **Bootstrap** and **CSS**.
- Created a **single messages component** that handled all user messages including errors and success and returned a dialog box to the user with the **appropriate message** and **clean UI design**.
- Conducted QA analysis on the code which led to refactoring and introducing ESLint and Prettier to **increase team productivity**.

### Automation Bot Developer - Game Pill

Jun - Nov 2020

- Developed **4 Bots** for **3 social media platforms** which helped Game Pill market their new game, connect them to **pro-gamers** and **added ~20 followers (Instagram) each run**.
- Created the bots in **Python** using **OOP** with Selenium and implemented a GUI for each bot using Tkinter.

### Research Assistant - LiTrans Lab, Ryerson University

Aug - Sep 2019

- Enhanced the photorealistic aspects of a VR simulation in Unity3D to **improve reaction accuracy** of the subjects in an experiment.

## PERSONAL PROJECTS

### Personal Website

- Designed the website using **React, React Router, Bootstrap and FontAwsome**.
- Used **CSS animations** to improve the UI design of the website and to give it a **clean and amazing look**.
- Fetched historic events from a *Today in History* **API** and displayed 3 events at a time. Used session storage and **React** hooks to update the events at the user's choice.
- Integrated **CSS** media queries and **Bootstrap** to make the website mobile-friendly and screen-friendly.

### Learning Frontend Website

- Developed the website using **React, React Router, Firebase, Axios, BootStrap and FontAwsome**.
- Fetched data from a Frotnite **API** and used **Axios** to fetch and display product data from a products API.
- Implemented an online chatting feature with **Firebase** storage and Google sign-in authorisation.

### Learning Express App

- Implemented REST API in **Express.js** with a GET request.

### ChessML

- Implemented a Chess engine in **JavaScript** using a **Minimax Algorithm** enhanced with **AlphaBeta pruning**.
- Integrated the following solutions to improve pruning: HashTables with Zobrist Hashing, Iterative deepening framework, KillerMove heuristics and move reordering.

## EDUCATION

- University of Waterloo - Bachelor Of Computer Science: 94 % Math faculty GPA.

Fall 2020 - Present