# SKILLS

# Contact Info

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| [A close up of a sign  Description automatically generated](https://github.com/yoenzhang) | [github.com/yoenzhang](https://github.com/yoenzhang) |

# Education

## University of Waterloo

Bachelor of Honour’s Computer Science – **3.8/4.0 GPA**

Sept 2020 - Present

## IB Diploma Program

Erindale Secondary School

Sept 2016 - 2020

# Awards

**Waterloo Sir Issac Newton Finalist**Top 100 in Canada, top 200 worldwide

**President’s Scholarship**

Valued at 2000$ for students that have achieved academic excellence

# Other Qualifications

**Trilingual** in English, French and Mandarin

**Customer Service Oriented**

**Detail-Driven**

**Logic-Focused Problem Solving**

**Willingness To Learn**

**Responsible**

**Team Player**

**900+ Community Service Hours**

**Languages:** Python, Java, PHP, mySQL, HTML/CSS, JavaScript, jQuery, Racket, C/C++

**Tools:** Git, Adobe Suite, Microsoft Suite, TKinter, Kivy, Selenium, BeautifulSoup4, NodeJS, AWS, CI/CD Pipelining, Docker, Bootstrap, Pandas, Numpy

**Frameworks:** React, MongoDB, Vue.js, Laravel, Express.js, OpenCV

# EXPERIENCE

**Mozilla –** Front End Developer Sept 2022 – Dec 2022, May 2023 – Aug 2023

* Curated and managed experiments targeting browser users internationally, ranging from 10,000 to over 1,000,000 enrollments
* Developed in-house tools using React to track, log, and increase SCRUM output and load management, improved team output by over 200%
* Worked alongside team managers to tackle over 50 immediate bug fixes, new feature implementations and platform updates

**Mobials Inc –** Full Stack/Backend Developer Jan 2022 – April 2022

* Implemented back-end functions, connecting applications and databases using PHP, alongside building the SDK for the front end to meet consumer needs
* Managed user data and added function specific values for over 1000 concurrent customers
* Worked closely with customers to fix ongoing bugs, tailor updates and changes, as well as create extensive testing to ensure product longevity

**Goodfood Market Corp -** Full Stack Developer April 2021 – Aug 2021

* Developed both front and back-end functionality using Laravel and Vue.js to anonymize data for past customers in compliance with legal standards
* Migrated mass data for prices, user plans, and subscriptions for over 10,000 users nationwide to match business models and plans using MySQL queries
* Seeded and created hundreds of values alongside backend functionality for our loyalty team to log thousands of records for quarterly reporting

# PROJECTS

[**StatCheck**](https://github.com/yoenzhang/StatCheck) **[Shape, circle

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* Designed an iOS application to check NBA statistics of players ranging from 1946-present
* Obtains and updates NBA statistics through the balldontlie.io API and displays the entire application through UIKit native to Swift

[**FinanceApp**](https://github.com/yoenzhang/yFinance) **[Shape, circle

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* Developed a finance tracker to log, store, and help manage daily user transactions for day-to-day purchases
* Uses python frameworks such as Kivy for front end design, pandas for data visualization and Google Sheets API alongside Google OAuth 2.0 for back-end data management
* Receipt and text recognition was created from a script using OpenCV and data recognition models

[**SupremeBot**](https://github.com/yoenzhang/supremebot) **[Shape, circle

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* Designed a client friendly retail shopping bot with a user-interface through TKinter with backend operations done through both BeautifulSoup4 and Selenium
* Communicates transactions through user input and local storage to ensure maximum security