YOEN ZHANG

SKILLS

Languages: Python, Java, PHP, mySQL, HTML/CSS, JavaScript, jQuery, Racket, C/C++
Tools: Git, Microsoft Suite, TKinter, Kivy, Selenium, BeautifulSoup4, NodeJS, AWS, CI/CD Pipelining, Docker, Bootstrap, Pandas, Numpy
Frameworks: React, MongoDB, Vue.js, Laravel, Express.js, OpenCV, Flask

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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, while also 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

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PROJECTS

StatCheck – iOS🏆 & Web🏆

- Designed an iOS application to check NBA statistics of players from 1946-2023 using balldontlie.io API and UIKit framework in Swift to display the entire application
- Modeled web application similar to the mobile version using the official NBA API, React and Flask to create a full stack application with addition of advanced statistics

FinanceApp 🏆

- 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 🏆

- 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

CONTACT INFO

Website: yoenzhang.github.io

📞 647-687-3980

✉ yoen.zhang@uwaterloo.ca

in linkedin.com/in/yoenzhang

github.com/yoenzhang

EDUCATION

University of Waterloo
Bachelor of Honour's Computer Science –
3.8/4.0 GPA
Sept 2020 - 2025

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

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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