

Yoen Zhang

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EDUCATION

University of Waterloo

Bachelor of Honor's Computer Science

Waterloo, ON

Sep. 2020 – Apr 2025

TECHNICAL SKILLS

Languages: Python, Java, PHP, MySQL, HTML/CSS, JavaScript, jQuery, Racket, C/C++, Swift

Tools & Frameworks: React, MongoDB, Vue.js, Laravel, Express.js, OpenCV, Git, Tkinter, Kivy, Selenium, BeautifulSoup4, Node.js, AWS, CI/CD Pipelining, Docker, Bootstrap, Pandas, NumPy, Matplotlib

EXPERIENCE

iOS Developer

Jan 2024 – Aug 2024

ESPN Bet, theScore

Toronto, ON

- Launched **two large-scale features** for **2.5+ million monthly active users**, directly enhancing user engagement and product reach
- Led the iOS team in developing the **"Parlay Lounge" feature**, a major initiative to boost **competitive positioning**; successfully delivered the project **four weeks ahead of schedule**
- Recognized as the **top-performing intern** by completing **120+ tickets** over the **8-month tenure**, including implementing **20 solo feature changes** within the **first month**

Front End Developer

Sep. 2022 – Dec 2022, May 2023 – Aug 2023

Mozilla

Toronto, ON

- Designed and managed **large-scale A/B experiments**, influencing key browser features and user experience decisions for millions of users worldwide. These experiments impacted product strategy, with enrollments ranging from **10,000 to over 1 million** users
- Built internal tools using **React** to streamline SCRUM tracking and load management, **boosting team output by over 200%**
- Collaborated with team leads to resolve **50+ critical issues**, implement new features, and deploy platform updates, improving overall product stability and performance

Full Stack/Backend Developer

Jan 2022 – Apr 2022

Mobials Inc

Toronto, ON

- Implemented back-end functionality** using **PHP** to connect applications and databases, optimizing **thousands of concurrent customer interactions** and developing a custom **SDK** for seamless front-end integration
- Managed user data** to ensure smooth operations across platforms, supporting **1,000+ active customers** and enhancing system performance
- Collaborated with customers** to resolve critical bugs, deliver tailored updates, and create **testing frameworks** that improved **product longevity** and **user satisfaction**

Full Stack Developer

May 2021 – Aug 2021

Goodfood Market Corp

Toronto, ON

- Built and optimized **front-end and back-end functionality** using **Laravel** and **Vue.js** to anonymize **millions of customer data**, ensuring compliance with **legal standards** and data privacy regulations
- Migrated **mass datasets** for **10,000+ users nationwide**, including prices, user plans, and subscriptions, leveraging **MySQL queries** to align with updated business models and plans
- Developed backend solutions and seeded **hundreds of values** to support the loyalty team, enabling the logging of **thousands of records** for **quarterly reporting** and business analysis

PROJECTS

StatCheck | Python, Swift, React, NBA API

- Developed an iOS app using **Swift** and **React**, integrated with the **balldontlie.io API** to provide real-time NBA statistics for players dating back to 1946

SupremeBot | Python, Tkinter, Git

- Built a secure retail shopping bot with a **Tkinter** UI and **Python** backend, utilizing **BeautifulSoup4** and **Selenium** for automated transactions