

# YOEN ZHANG

## SKILLS

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

**Tools:** Git, Adobe Suite, Microsoft Suite, TKinter, Selenium, BeautifulSoup4, MongoDB, Express, NodeJS, Eclipse, Visual Studio Code

## PROJECTS

### iPrep 🇨🇦

- Created an online interview practice tool for co-op students
- Implemented a modern user interface using HTML/CSS with video utilities managed through JavaScript and jQuery
- Created a rating system through comparing user responses to expected responses using Cosine Similarity

### SupremeBot 🇨🇦

- Designed a client friendly retail bot for popular retailers such as Supreme
- Created a UI through TKinter with backend operations done through both BeautifulSoup4 and Selenium
- Communicates transactions through user input and local storage to ensure maximum security

### yoenBlog

- Built an minimalistic daily blog with user friendly features such as, upload dates, editing and deleting previous posts, as well as support for markdown text
- Front-end created using Express, back-end databasing managed with MongoDB, and server connection through NodeJS

### Music Webpage

- Created a simple music webpage to share and diversify music taste
- Implemented a simple login and rating system through PHP and MySQL to allow users to provide feedback
- Built-in download features that allows for file sharing and other features

## EXPERIENCE

### STEM Fellowship - Founder, President, Advisor

Sept 2018 – Present

- Founded a STEM Chapter in association with STEM Fellowship to introduce my school environment to the world of STEM
- Created a constantly expanding organization of 80+ active members that compete in various competitions and contests nationally

### MCMAC Summer Internship Tech Lead, Counsellor

Jun 2019 – Aug 2019

- Organized a camp for children from ages 6 – 13 with various activities over the summer break
- Worked with a budget of \$10,000 to structure, plan and run the camp over the entirety of summer
- Specialized as the tech lead, helping other members utilize the Microsoft Suite, tech hardware and sound systems

## CONTACT INFO

Website: [yoenzhang.github.io](https://yoenzhang.github.io)



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[github.com/yoenzhang](https://github.com/yoenzhang)

## EDUCATION

### University of Waterloo

Bachelor of Honour's Computer Science –

**3.96/4.0 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

Talented in **Public Speaking**

**Customer Service Oriented**

**Hard-Working**

**Passionate**

**Responsible**

**Team Player**