





YIFAN YANG

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Qualifications

Programming languages:

- Intermediate knowledge of **Scheme, Python, HTML, CSS**
- Knowledge of **Javascript, C**

Tools / Frameworks:

- **VS Code, React.js, Microsoft office, Windows&Mac**

Languages:

- Fluent in **French** and **Mandarin**

Education

University of Waterloo

Candidate for Bachelor of Computer Science - Expected 2023

Relevant courses:

- Designing Functional Program
- Elementary Algorithm Design and Data Abstraction

Marianopolis College (CEGEP) Arts and Sciences (DEC) - May 2019

Awards

- Silver medalist at the Montreal Challenge dragon boat festival - 2019
- Recipient of the Waterloo Merit Scholarship (85%+ average) - 2019
- Runner up for the JA Quebec company of the year (Designii) - 2017
- Gold medalist for flute at the Royal Conservatory of Music - 2012

Activities and Interests

- Solving brain teasers and coding
- Team sports: dragon boat and tennis
- Playing flute and drawing
- Video games

Work Experience

Ubisoft

Playtester - Montreal, QC Aug 2019

- Tested multiple new mechanics and uncovered dozens of bugs using critical observation skills
- Gave constructive feedback which enabled developers to further test new concepts; demonstrated excellent communication skills

PROMIS

Senior Camp Counsellor - Montreal, QC Summer 2018 & 2019

- Effectively worked with a team of 5 counsellors and supervised 20 campers between the age 4 and 6
- Manifested outstanding leadership and teamwork skills to ensure excellent camping experience for participants

Designii (Startup, partnered with WWF)

Co-founder, VP Technology - Montreal, QC Sept 2016 - May 2017

- Maintained and updated company website and Facebook account; displayed excellent problem solving skills
- Successfully promoted the company's products by increasing online engagement

Projects

Personal Website (Work In Progress: yifanyang.ca)

- Developed website in HTML and CSS to serve as portfolio and implemented basic JavaScript functions to add personalized effects

Weather application

- Created online application using React.js and Javascript that allows users to track weather conditions using an API; customized using CSS

Pong game

- Created Pong game app using Python; imported and used Turtle and os modules in order to customize game

Scientific calculator app

- Used Python to write recursive algorithms for efficient calculator app and used Tkinter module to design GUI

Volunteer & Leadership Experience

Royal Victoria Hospital

Way-finder - Montreal, QC 2017/07 - 2019/08

- Enhanced adaptability skills by directing visitors and residents
- Showed professionalism by training volunteers to provide service

Triple A Tennis

Aid coach - Montreal, QC 2016/06 - 2017/08

- Improved players' performance by assisting coaches in developing effective training programs