YIFAN YANG

Term 2B, Computer Science

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Qualifications

Programming languages:
- Scheme, Python, HTML5, CSS3
- Grasp of JavaScript, C

Tools / Frameworks:
- VSCode, React.js, Bootstrap, MS Office, Windows & MacOS

Languages:
- Fluent in French and Mandarin

Education

University of Waterloo
Candidate for Bachelor of
Computer Science - Expected 2023
Relevant courses:
- Designing Functional Program (Scheme)
- Elementary Algorithm Design and Data Abstraction (C)

Marianopolis College (CEGEP)
Quebec Studies Diploma (DEC)
Arts and Sciences - 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
- Drawing and design
- Video games

Work Experience

Ubisoft
Playtester - Montreal, QC   Aug 2019
- Tested multiple new mechanics and uncovered dozens of bugs
- Gave constructive oral and written feedback which enabled developers to further test new concepts

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
- Attended weekly meetings with board of directors in order to ensure participants' excellent camping experience

Designii (Startup, partnered with WWF)
Co-founder, VP Tech - Montreal, QC   Sept 2016 - May 2017
- Maintained and updated company website and Facebook account
- Successfully promoted the company's products by increasing online engagement

Projects

Twitter sentiment analysis application (StarterHacks 2020)
- Using Twitter REST API, developed online app that employs sentiment analysis algorithm in Python
- Algorithm returns Twitter's opinion of a topic and returns keywords from most positive and most negative tweets associated to topic
- Front-end: used React and CSS for UI, integrated Python using Flask

Personal Website (Work In Progress: yifanyang.netlify.com)
- Developed website in HTML, CSS and Bootstrap to serve as portfolio
- Implemented basic JavaScript functions to add personalized effects

Weather application
- Created online application using React.js and CSS that allows users to track in real time weather conditions using a weather REST API

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

Volunteer & Leadership Experience

Royal Victoria Hospital
Way-finder - Montreal, QC   Jul 2017 - Aug 2019
- Improved traffic by directing visitors and assisting hospital residents
- Ameliorated service quality by training dozen of new volunteers

Triple A Tennis
Aid coach - Montreal, QC   Jun 2016 - Aug 2017
- Improved players' performance by assisting coaches in developing effective and creative training programs