

YIFAN YANG

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QUALIFICATIONS

Programming languages:

- JavaScript • C • C++ • Python
- HTML5 • CSS3 • SQL

Frameworks / Libraries / Tools:

- React • Express • Node • Bootstrap
- Git • Jira / Confluence • MongoDB

Languages:

- English • French • Mandarin

AWARDS

Runner up (Designii) - JA Quebec company of the year (2017)

- Created innovative startup alongside team of 15 members and assigned as VP Tech
- Stood out amongst 30+ new startups

EDUCATION

University of Waterloo

Candidate for the Bachelor of

Computer Science [3A] - Expected 2023

Relevant courses:

- CS245 - Logic and Computation
- CS246 - Objected Oriented Software Development

INTERESTS

Dragon Boat

- Paddled with CEGEP team the "Descendants of the Dragon"
- Montreal Challenge silver medalist

Flute

- Quebec gold medalist at the Royal Conservatory of Music

WORK EXPERIENCE

FundThrough | QA Analyst

Toronto, ON

May 2020 - Sept 2020

- Planned and **executed manual** and **automated** numerous **tests** (automated test cases written in **JavaScript** on **Cypress**) of major product features each sprint
- Collaborated closely with the UX, product, and engineering teams to **report** and **resolve** bugs
- **Translated** user **stories** and designs into thorough test cases and scenarios
- Suggested new training schedules which **eased** and **improved** intern onboarding

Ubisoft | Software Tester

Montreal, QC

Aug 2019

- Executed multiple manual **tests** on a variety of new game mechanics and identified dozens of **bugs**, which improved overall game **quality**
- Maintained proper **documentation** (bug reports) during the testing cycle
- Worked in an **agile** environment in order to give constructive oral and written feedback, which enabled developers to further test new concepts

Designii | Co-founder & VP Tech

Montreal, QC

Sept 2016 - May 2017

- Created, maintained and updated company website using **WordPress**
- Successfully negotiated a **partnership** with the **World Wildlife Foundation**
- **Promoted** company products by increasing online **engagement** by up to **30%**

PROJECTS

Personal Website | HTML • CSS • JS • Bootstrap

- Visit yifanyang.ca for more portfolio information

Movie Review App | MERN full-stack

- Developed a movie review app with **MongoDB**, **Express**, **React** and **Node**, which fetches the latest movies' data using the **MovieDB API**
- Designed **schemas** for **interactive** user **features** such as favouriting, liking & commenting movies
- Tested calls to API using **Postman**
- Implemented **Redux** to the **React** front-end for state management

Twitter Sentiment Analysis App | React.js • Python • Flask

- Co-developed a web app during **StarterHacks**, which retrieved the Twitter's community's overall sentiment on a given topic
- Built and designed **user-friendly** and **intuitive** front-end using **React.js**
- Implemented several natural language processing **libraries** to extract sentiment of **100+** tweets accessed via the Twitter **RESTful API**

Weather Tracker App | React.js • HTML • CSS

- Developed real time weather tracker app using **openweather API**
- Implemented **input validation** to prevent invalid cities and countries inputs
- Built **UI** layout using React.js, HTML and customized client using CSS