

Victor Sun

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WORKING EXPERIENCE

Solutions Developer

FairVentures Inc, May - August 2019

- Streamlined data collection from partnering companies by developing a **GraphQL** API with a **Vue** portal and a **PostgreSQL** database using **TypeScript/NodeJS**
- Made company information more accessible by creating a holistic **GraphQL** API (with multiple microservices) representing the company (objectives, progress tracking, newsletters)
- Solved problems efficiently using design thinking processes and collaborated with designers and other developers as needed
- Automated deployment to **Kubernetes** cluster by containerizing apps with **Docker** and using **GitLab's Auto DevOps CI/CD**

PROJECTS

Google Sheets Add-on for YouTube Playlists

- Collaborated (GitHub) on a **Google Apps Script** that automatically adds (subscribed) videos to YouTube playlist
- Responded to issues and bugs, and improved functionality by working with developers and users

TOHacks Project

Ryerson University, Jun 22-23, 2019

- Created a neural network using **Python** to analyze chance of getting heart disease based on cardiovascular data

Hack the North Project

University of Waterloo, Sept. 14-18, 2018

- Developed **RBC API** application in **Python** to find closest branch with directions from **Google Maps API**

Google Sheets Accounting Add-on

- Created a **Google Apps Script** that provides accounting functions bound to a Google Sheet
- Implemented **HTML** and **JavaScript** user interface

DECA Competitor Ranker

- Wrote **Python** program to find the rank of a given DECA Provincials participant (or all participants from a given school)

SKILLS

- Python, Git, TypeScript/JS, C/C++, Java, Bash, SQL, PHP**
- Experience with **NodeJS, REST** and **GraphQL**
- Qualified National Lifeguard

EDUCATION

Candidate for Bachelor's of Computer Science

University of Waterloo, 2018 - Expected 2023

First Year Average: 90.8%

- GPA: 3.9/4.0

EXTRACURRICULARS

Local Hack Day Organizer

Iroquois Ridge High School, Dec. 2, 2017

- Hosted a successful hackathon for 100 students by asking local companies for sponsorships, managing volunteers, and running workshops
- Came back next year as a workshop presenter, on Python and GitHub

Data Science Club Member

University of Waterloo, Fall 2018 - Current

- Analyzed datasets with modern algorithms using **Python** libraries on **Jupyter** notebooks (e.g. PyTorch, NumPy, pandas)

ACHIEVEMENTS

Competed at DECA Internationals for Accounting at Atlanta in 2018 (Top 8 in Ontario)

HOBBIES

