Eric Wang

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Skills

Languages:
Python, Java, C#, JavaScript, Racket, C, Bash, SQL

Technologies:
MongoDB, Express.js, React.js, Node.js, Git, Flask, Tensorflow, Selenium, Azure, AWS, Angular, Kubernetes, PrimeNG, Oracle Database, .NET

Education

Bachelor of Computer Science 2020-2025
University of Waterloo

Bachelor of Business Administration 2020-2025
Wilfred Laurier University

AWS Certified Cloud Practitioner (CLF) 2021

Experience

Software Developer MAY 2021- AUGUST 2021
SaFuture Inc.

- Developed frontend for environmental risk assessment app using **AngularJS** , **PrimeNG** and **CKEditor** libraries, adding **50+** features, implementing the majority of the app
- Improved functionality of internal admin dashboard using **HTML** and **jQuery**, increasing employee productivity by **20%**
- Added **10+** endpoints to **.NET** backend using **Newtonsoft** and **Oracle managed data access** to communicate with database

Projects

Discount Monkey github.com/Ericwang52/DiscountMonkey

- Product price-comparing service currently helping **30+** users find the best deals on products
- Responsive frontend designed using **React** and **Bootstrap**
- Backend is a **RESTful API** built with **Node** and **Express**, **MongoDB** was used to store user data
- Encrypted passwords using **bcrypt**. Authenticated with **PassportJS** using **JSON web tokens**

Premier Prophet - NewHacks 2020 2nd Place Award devpost.com/software/premier-prophet

- Machine learning model to predict football matches via **TensorFlow** and **Keras** on **Heroku**
- Constructed a responsive **HTML/CSS** and **Bootstrap** frontend and **Flask** and **Python** backend
- Made accurate predications (**60-70%**) by using data from API calls to teach the model

Profit Prophet github.com/ChickanWang/ProfitProphet

- Machine learning model and web app made to predict short-term stock prices
- Uses **Azure Machine Learning pipelines** and **Azure Cognitive Services** to train model using Yahoo Finance data as well as **web scraped** discussions/news
- Real-time inference pipeline was deployed using **Azure Kubernetes Service**
- Frontend made with **React** and **Bootstrap** and backend made with **Flask**

Animinder github.com/Ericwang52/animinder

- Chrome extension that sets reminders and helps users find recent airing anime episodes according to their MyAnimeList watchlist, currently serving **10+** users
- Uses **Javascript, HTML DOM** manipulation and **AJAX requests** to the MyAnimeList API