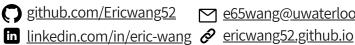
Eric Wang



<u> e65wang@uwaterloo.ca</u>

Skills

Languages:

Python, Java, C#, JavaScript, HTML/CSS, Racket, C

Technologies:

MongoDB, Express.js, React.js, Node.js, Git, Flask, Heroku, Tensorflow, Selenium, Azure, Kubernetes

Education

Bachelor of Computer Science and Business Administration | 2020-2025

- Cumulative Average: 91.8% | GPA: 3.94
- Awarded President's Scholarship of Distinction and Faculty of Mathematics Scholarship: \$12000

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 Bootstrap and custom CSS to create a clean UI for users
- Uses Javascript, HTML DOM manipulation and AJAX requests to the MyAnimeList API

Experience

Swimming Instructor/Lifeguard Goldfish Swim School

APRIL 2019 - JUNE 2020

Worked in team environment to teach kids how to swim and helped train new recruits

Teaching Assistant and Data Entry Kumon North America

FEB 2018 - APRIL 2019

- Led team of 5 teaching assistants to manage daily operations and taught Math and English to students
- Responsible for data entry into SQL database