

Eric Wang



github.com/ericwang52



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ericwang52.github.io

Skills

Languages:

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

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 and Business

Administration | 2020-2025

- Awarded President's Scholarship of Distinction and Faculty of Mathematics Scholarship: \$12000

Experience

Software Developer

SaFuture Inc.

MAY 2021- AUGUST 2021

- Developed AngularJS frontend in Typescript for environmental risk assessment app using PrimeNG and CKEditor libraries
- Added important functionality and endpoints to .NET backend using Newtonsoft and Oracle managed data access to interact 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

Certifications

- AWS Certified Cloud Practitioner (CLF)
- Standard First Aid with CPR-C