

Eric Wang

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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



- Product price-comparing service designed to help users find the best deals on products and be notified of discounts in the future
- 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



- 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 by using data from API calls to teach the model

Profit Prophet



- Machine learning model 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**

Experience

Swimming Instructor/Lifeguard

Goldfish Swim School

APRIL 2019 - JUNE 2020

- Worked in team environment to teach kids how to swim
- Managed birthday parties and helped train new recruits

Interests

- Playing baseball, 4X and paradox games
- Investing in penny-stocks and watching TV shows