

# Eric Wang



[github.com/Ericwang52](https://github.com/Ericwang52)



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[ericwang52.github.io](https://ericwang52.github.io)

## Skills

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### 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

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### 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

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### Discount Monkey

[github.com/Ericwang52/DiscountMonkey](https://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](https://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](https://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](https://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

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### Swimming Instructor/Lifeguard

APRIL 2019 - JUNE 2020

Goldfish Swim School

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

### Teaching Assistant and Data Entry

FEB 2018 - APRIL 2019

Kumon North America

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