





# Eric Wang

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## Skills

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### Languages:

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

### Technologies:

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

## 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
- Managed birthday parties and helped train new recruits

## Projects

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### 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

### Anime Monkey

- Chrome extension that sets reminders and helps users find recent airing anime episodes according to the user's myanimelist.com current watchlist
- Uses **Bootstrap** to create a clean UI for users
- Uses **Javascript** and **AJAX** requests to the myanimelist API

## Education

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**Bachelor of Computer Science and Business Administration**

SEPT 2020 - MAY 2025

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

## Interests

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