

KEVIN YIEH

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

Javascript, React, Redux, Ruby, Rails, Python, HTML, CSS, SQL, MongoDB, Express

PROJECTS

Friendlybook (Rails, ReactJS)

[live](#) | [github](#)

A Facebook clone implemented with Ruby/Rails, SQL, AWS, and React/Redux

- Created CRUD actions for posts, likes, comments, and friends to give users a more interactive and personal experience
- Leveraged polymorphic associations with likes on posts and comments to maintain DRY code
- Integrated Amazon Web Services with Rails to store users' personal photographs
- Incorporated a custom search function that queried the database and displayed users based on user input

The Tellurian (MERN Stack)

[live](#) | [github](#)

A global news outlet implemented with MongoDB, ExpressJS, React/Redux, and NodeJS

- Formulated the foundation and blueprints for the application and oversaw a team of four engineers to effectively create a product through git workflow
- Researched and implemented a javascript library to create an interactive globe that enhanced users' experiences
- Implemented Cross-Domain Axios requests from an Express backend to asynchronously fetch news content from multiple APIs and normalized the responses to create a dynamic and scalable state object
- Generated flexible schemas with Mongoose object data modeling, saved to a NoSQL MongoDB cloud database

Sorting Algo Visualizer (Javascript)

[live](#) | [github](#)

A lightweight javascript application that creates a visualization of various sorting algorithms

- Devised an object oriented structure for the the application to allow for effortless scaling and readability
- Customized various sorting algorithms to manipulate elements in the DOM so users can clearly see how the algorithm functions from start to finish
- Enhanced user interaction and the algorithm visualization by incorporating the ability to change speed and the number of elements to be sorted

EXPERIENCE

Software Engineer / Team Lead

Gaming Legends LLC

Oct 2018 - Jan 2020

- Designed and built a graphical user interface on python to streamline handling and packaging orders, reducing handling time by over 20%
- Established a system of organizing inventory that was scalable and easy to understand to allow greater inventory capacity and increase efficiency in daily workflow
- Managed a team of six employees by scheduling daily work and instructing each employee on the overall flow of operations and their individual roles in the system

Actuarial Intern

[Zurich NA](#)

Jun 2018 - Aug 2018

- Assisted the Medical Malpractice team with Zurich's annual benchmark report for healthcare professional liability claims
- Used Microsoft Access and Excel to organize and handle large amounts of data to ensure quality data
- Created graphs and tables to illustrate losses in terms of frequency, loss cost, and severity by various factors to illustrate current trends in the healthcare industry

EDUCATION

Web Development - [App Academy](#) | Summer 2020

BA Education - Macaulay Honors College at Baruch | Actuarial Science | Summa cum laude | 2015 - 2019