Andrew Yin

(650) 862-6489   aaayin@gmail.com   **GITHUB**   **LINKEDIN**

SKILLS

React, Redux, Ruby, Rails, Javascript, HTML, CSS, SQL, Python, Java, ExpressJS, NodeJS, MongoDB, PostgreSQL, jQuery, Git

EDUCATION

Bachelor of Arts in Computer Science and a Minor in Economics - *Emory University | 3.67/4.00 | 2017 - 2021*
Web Development - *App Academy | Spring 2022*

PROJECTS

Eventright   (ReactJS, Redux, Ruby on Rails, Javascript, PostgreSQL)   live | github
Full stack website based on Eventbrite that allows people to find local events
- Leveraged React hooks, functional components, and async await to improve read logic and overall website performance
- Utilized AWS S3 buckets to store photos and reduce app size and improve scalability
- Designed database schema and Activerecord models to store users' profiles, likes, and tickets, allowing users' data to persist through sessions
- Securely authenticated users by hashing and salting password using BCrypt to ensure protection and privacy

Level-up   (React, Redux, MongoDB, Mongoose, Express.js, Node.js)   live | github
Site built using MERN stack to connect beginner hobbyists with expert enthusiasts
- Integrated a MongoDB database to hold user uploaded videos and support less structured data
- Implemented Axios API to automatically format JSON responses and increase browser support and compatibility
- Led team of 4 engineers and hosted daily standups, delegated workflow, and handled pull requests and merge conflicts

The 3 Point Project   (Javascript, Webpack, HTML, CSS)   live | github
Data visualization of top 3-point shooters per season in the NBA
- Visualized 3 point shots using Data Driven Documents (D3.js) and scalable vector graphics to create responsive graphs
- Employed Javascript's fetch API with async await to fetch and parse data from external NBA statistics API

EXPERIENCE

Researcher
Gatan Inc.   Aug 2016 - May 2017
- Tested effectiveness of picosecond lasers on cutting silicon to appraise microPREP machine for sample preparation
- Maintained a clean working laboratory environment while using and operating machines
- Drafted detailed reports in lab notebook and prepared spreadsheets to improve data digestibility

Senior Instructor
Mathnasium of Menlo Park   Aug 2015 - Aug 2017
- Tutored students from grades 6 - 11 in Algebra, Geometry, Trigonometry, and Calculus 20 hours per week
- Trained and mentored 6 new hires on facility protocols, tutor expectations and procedures, and parental interactions
- Streamlined entering test scores and visualization with Excel shortcuts to save time