

TECHNICAL SKILLS

Strong: JavaScript, ES6, React, Redux, Angular, HTML5, CSS3, SQL, Sequelize, MongoDB, Node, Express, Git

Experienced: C#/.NET, WPF, XAML, E2E Testing, Phantom, Nightmare, Mocha, Chai, TDD, JQuery, Firebase, Bookshelf, Knex, AWS Elastic Beanstalk, Heroku, Passport, React Router 4, Semantic UI, Bootstrap, Flexbox Grid

DEPLOYED APPLICATIONS

FLIQ - <http://bit.ly/fliqmovie>

A learning engine-driven recommendation system for delivering smart movie suggestions

Full-Stack Software Engineer

- Architected a statistical inference algorithm to generate arrays of smart results that are tailored to user preferences
- Constructed a clean UI/UX experience with React, Redux, and React Router 4 that reduced network traffic by 80%
- Developed RESTful API for converting user interaction into user preferences for roughly 2,000 data points
- Built both end-to-end tests and unit tests using Nightmare, Mocha, and Chai in order to adhere to TDD

Away - <http://bit.ly/awayy>

Fostering world travel and new experiences by guiding you to the perfect destination

Full-Stack Software Engineer

- Authored algorithm to match potential travel destinations with user preferences using aggregated calls to Google Places API and Dark Sky API
- Leveraged Express to implement RESTful server endpoints for Passport's Google OAuth2 strategy
- Built custom, reusable, animated UI components using React and CSS
- Designed schema for authenticated users to persist their search history with Firebase

Share-In - <http://bit.ly/share-in>

Social network for renting useful items from others in your community

Full-Stack Software Engineer

- Reduced API payload size by 80% using custom, highly performant infinite scrolling React components
- Extended legacy Express and Sequelize code to accommodate new Postgres tables and API calls.
- Managed all Git workflow for 4-person team project's repository

WORK EXPERIENCE

Hack Reactor – New York, NY

Software Engineering Associate Instructor

- Mentored students in vanilla JavaScript, Node, Angular, React, and various other libraries and frameworks
- Lectured students on important concepts, e.g. Promises, as well as tools like Postman and Charles
- Monitored matriculating students' pre-course GitHub repositories and coached them as needed

UBS Private Wealth Management – New York, NY

Portfolio Manager

- Constructed, presented, and implemented strategic asset allocations for High Net Worth clients
- Organized and led quarterly client meetings centered around proposing new allocation ideas in order to win new assets under management from competing firms
- Traded bonds, equities, ETFs, currencies, options and other derivatives in trades up to \$75MM in value

EDUCATION

Hack Reactor	Advanced Software Engineering Immersive	2017
Vanderbilt University	History Major – Concentration in East Asian History	2006