ANDREW MINUCOS

+1 (917) 250-3209   minucos@gmail.com   **GITHUB**   **LINKEDIN**   **PORTFOLIO**

SKILLS   React, Redux, Javascript, Ruby, Rails, Python, Node.js, HTML, CSS, SQL, MongoDB

PROJECTS

Straya (Rails, ReactJS, AWS S3, Google maps)   live | github
This project allows users to track their workouts and create running/cycling routes through google mapping integration
- Designed a custom cycling/running route creator in ReactJS integrating Google Maps' Javascript API and Direction API
- Built secure User Auth strategy using token-based authentication and BCrypt password hashing
- Leveraged AWS S3 for storing users' image uploads, imposing a file size limit and file compression to reduce latency and storage cost

Asteroids (Javascript, Canvas)   live | github
Fun browser game based on the classic Asteroids, written entirely in vanilla JS
- Built a custom game engine using JavaScript that manages the movement mechanics of the ship, asteroids, and bullets, creating a fun and satisfying gameplay experience for the player
- Engineered layers of gaming complexity e.g. splitting asteroids that rely on Object Oriented Programming techniques and conditional logic
- Crafted intuitive controls allowing for easy pick up and play by the end user

TransferYikes (Rails, ReactJS, chart.js, exchangeratesapi.io)   live | github
This project allows users to make transactions between various foreign currencies, a clone of transferwise:
- Designed a custom conversion calculator in ReactJS integrating exchangeratesapi.io API and chart.js
- Built secure User Auth strategy using token-based authentication and BCrypt password hashing
- Leveraged custom SQL queries to maintain accurate user account balances and validate transactions before approving them

EXPERIENCE

Software Engineer & Lead Instructor

App Academy   Mar 2019 - Present
- Lead of Campus Hybrid curriculum team, managing the code base for our internal student learning platform
- Member of Progress Tracker engineering team, an internal tool that tracks students throughout their time at App Academy
- Built and pushed new backend (Rails, SQL) and frontend (React) features with complete unit test coverage
- Mentored hundreds of engineers through the process of learning the modern web stack, taking them from CS fundamentals and basic control flow up through common architectural patterns including MVC, ORM, AJAX, CRUD, and REST
- Lectured to cohorts of up to 90 people on topics including React, Redux, middleware, and Test Driven Development

HTML Developer

Reliance Communications   Jan 2018 - Jan 2019
- Developed and managed ongoing and one-off email marketing campaigns using HTML, CSS, and Javascript
- Facilitated regular meetings with multiple department heads to create new campaigns and develop improvement initiatives

Enterprise Account Manager

Centurylink   May 2018 - Jan 2019
- Managed data networks and resources for enterprise clients with the goal to provide the best customer experience

EDUCATION

Web Development - *App Academy | 2018-2019*