HENRY CHU

p. 415-308-8779   chu.henry@hotmail.com   portfolio   linkedin   github

Skills

JavaScript, Ruby, Ruby on Rails, React.js, Redux, SQL, Git, HTML5, CSS3, jQuery

Projects

InstaGalaxy   live site | github

A faithful clone of the popular social media website, Instagram (Ruby on Rails, JavaScript, PostgreSQL, React/Redux)

- Implemented back-end and database with Ruby on Rails and PostgreSQL, allowing users to maintain state between logins and retain user data, and minimize the time required to build boilerplate code
- Created an Amazon Web Services (AWS) S3 connection to host images, resulting in lessened server load and secured data with future scalability
- Designed single page application principles and implemented React Routing for a quick and responsive user experience, re-rendering specific sections of the page upon user actions
- Devised an upload image function that did not exist in the original's web application through creation of a FormData object to append the binary file as a key-value pair

Dragon Hunt   live site | github

A different take on the classic shooting game, Duck Hunt (JavaScript, Webpack, HTML Canvas)

- Incorporated object-oriented design to achieve code modularity and reusability by creating separate class objects such as a Dragon class to handle creation and movements of every dragon
- Combined Canvas and Request Animation Frame to display continuous animations at 60 FPS and movement-responsive dragons
- Detect user click collisions with moving objects on screen by utilizing mathematical formula to pinpoint locations

SimplyTravel   live site | github

A one-stop shop for travellers seeking an adventure on planet Earth (MongoDB, Express.js, React, Node.js)

- Implemented selective rendering of flight components when a destination pin is utilized through the Redux cycle and local state of component
- Mapped out cascading API calls with Axios to hit different API sources in succession to retrieve flight, hotels, and events data at each step of user input

Experience

Senior Tax Accountant

Crowe Horwath LLP   Feb 2017 - Dec 2017
- Supervised and trained staff accountants and interns on tax concepts and firm's best practices
- Reviewed and prepared tax returns in collaboration with tax team for >$10m clients
- Took the lead and increased by 25% the rate of completion of tax engagements during tax season

Tax Accountant

Hood & Strong LLP   Feb 2014 - Feb 2017
- Prepared >40/year tax returns for individuals and businesses, while adhering to best practices
- Increased tax team's productivity by 20% by completing tax season cycle well ahead of prior year's pace

Education

App Academy   Aug 2018 - Nov 2018

Immersive software development course with focus on full stack web development

University of California @ Santa Barbara   Jun 2009 - Jun 2011

BA - Economics