

Brian Liew

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Professional Experience

Code Coach - Advisor

Aug. 2018 - Current

Codecademy

- Provided on-demand instruction to programming learners via live chat sessions to assist students with defining goals, reviewing coding topics, accessing additional resources, and debugging code

Client Systems Engineer

Sept. 2015 - July 2017

Epic Systems, Technical Services – Hyperspace & Desktop

- Worked with teams from various Healthcare organizations to ensure the successful deployment and maintenance of the Epic EMR client infrastructure.
- Assisted IT community members with troubleshooting and resolving issues with the Epic EMR client application, Windows Server OS's, and third-party integration with our product
- Stood up and maintained XenApp farms for community members that allow Epic to host their client infrastructure
- Wrote and maintained Windows PowerShell scripts in order to automatically deploy a XenApp farm
- Contributed a module to our Epic.Support scripts to allow us to better track our community members' deployment software and hardware
- Owned and improved the processes to internal Client Systems XenApp loaner farms for QA development testing

Projects

Aperture (Ruby on Rails, PostgreSQL, React, Redux)

[Live](#) | [Github](#)

A fullstack, single-page application inspired by 500px, a photography community app

- Applied Masonry.js to create reactive, image grid layouts for a pleasing user experience.
- Utilized React's virtual DOM with a Redux store to perform photo CRUD operations using RESTful API calls
- Stored photos on AWS S3 via the Paperclip and AWS-SDK gems to retain references in a PostgreSQL database

Square Boi (HTML5 Canvas, JavaScript, Firebase, Webpack)

[Live](#) | [Github](#)

A browser-based 2D platformer with wall-climbing physics built with Javascript

- Applied HTML5 Canvas and JavaScript in order to render levels and player model for end user interaction
- Implemented collision detection allowing players to climb surfaces and jump between platform sides to collect coins
- Utilized Firebase to sync scores to a cloud database in order for end users to compare their clear times with others

Karma (React, Redux, Socket.IO, Semantic UI React)

[Github](#)

An acts-of-kindness social network application (Social Good Hackathon 2018)

- Implemented Socket.IO for real time newsfeed updates to allow users to keep track of each other's good deeds
- Utilized Semantic UI React framework to standardize design across participants for an intuitive end user experience

Certifications and Skills

CCA | Citrix XenApp 6.5 Certified Administrator

CCA 1Y0-A20

MCP | Microsoft Certified Professional

Exam 70-410

ECSA | Epic Client Systems Administration 2015

ECSA 2015

JavaScript | React | Redux | Ruby | Rails | SQL | HTML5 | CSS3 | Git | PowerShell | Microsoft Server | Citrix XenApp
| Citrix XenServer

Education

App Academy, 2018

1000+ hour full-stack web development course with a <3% acceptance rate

Stony Brook University, 2015

BS, Information Systems: Specialization in System and Network Administration