

# Brian Liew

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## Professional Experience

### 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
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## 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

### QueryableJS (JavaScript)

[Demo](#) | [Github](#)

*DOM manipulation library demonstrated with the classic game, Tic-Tac-Toe*

- Created a JavaScript library to manage core DOM manipulation functionality, event handling, and AJAX requests
  - Created a game, tic-tac-toe, that utilizes the library to allow users to reference an example of how it can be used
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## 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**

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## 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