Timothy Wu

Phone (347) 259-4484   Timothyjwu1@gmail.com   Portfolio   Linkedin   Github

SKILLS

React.js, Redux, JavaScript, Ruby on Rails, Python, Java, C++, SQL, Docker, HTML5, CSS3

EXPERIENCE

Triage Engineer

fuboTV   Aug 2019 – Present

- Act as the first line of technical experience between the Customer Care Team and the Engineering Teams and business partners to ensure the reliability of the fuboTV platform and improve user experience.
- Determine the best course of action for large scale issues by extracting relevant information and reproducing the issues at a production level in order to work towards a solution with the appropriate engineering teams
- Manage blackout testing workflow with network providers using SQL queries in a SCTE224 database
- Participate in a 24/7 on-call rotation to address mission-critical incidents as they arise, escalating as necessary to oncall teams and business partners

68W Healthcare Specialist

Army National Guard   Apr 2013 – Apr 2016

- Monitored the health of 120 soldiers as the primary medic and ensured physical competence
- Organized classes for soldiers on combat-aid procedures and periodically held tests to refresh their skills
- Advised the supervising officer on potential health risks during intensive field training

EDUCATION

App Academy   Feb 2019 – Apr 2019

Rigorous 1000-hour software development course with <3% acceptance rate

Specialized coursework: TDD, OOP, REST, scalability, algorithms, security, and web development best practices

Queens College   Jan 2016 – May 2018

Bachelor of Arts in Computer Science

Relevant Coursework: Software Engineering, Design and Analysis of Algorithms, Data Structures, Database Systems, Operating Systems, Image Processing

PROJECTS

Conbrite | *(Ruby on Rails, PostgreSQL, React, Redux, JavaScript, CSS, Heroku)*   Live Site | Github

A platform inspired by Eventbrite that focuses on concerts, conventions, and conferences. It is a single-page application where users can create, browse, and register for events.

- Ensured user privacy and autonomy through frontend / backend authentication measures and React Router, allowing users to only access and make changes to their own events when logged in
- Created custom form frameworks using React component architecture to allow for efficient development of new forms.
- Increased the efficiency of data extraction through the utilization of Active Record associations across multiple tables in a single query

Tamago Land | *(JavaScript, Canvas, HTML, CSS)*   Live Site | Github

A fully interactive 2D JavaScript and HTML5 Canvas game based on the original Donkey Kong

- Incorporated gravity physics and Canvas animation frames to smoothly render a jumping animation
- Developed a collision detection algorithm between the sprite character and the surrounding environment to simulate interaction
- Designed the layers of the game architecture to handle the transition of the game state based on the user's input