ELVIS YUAN

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Portfolio   LinkedIn   Github

SKILLS: Ruby, Rails, React, Redux, HTML, CSS, JavaScript, jQuery, Webpack, Canvas, Websockets, Git.

PROJECTS:

Disco-RD **Ruby on Rails, React / Redux, PostgreSQL**   live | github
Full stack, pixel perfect clone of the popular chatting application Discord.

- Incorporated websockets using Action Cables, which allows for real-time text chat and channel creation updates. Websocket connection on the server allows users to create and delete channels while updating other connected users in real-time.
- Utilized WebRTC in combination with websockets to create a video chat experience for two users with a P2P STUN server.
- Designed custom user authentication using BCrypt to hash and salt passwords which are stored in the database instead of the actual password to ensure user privacy.

Janky Earth Defense **JavaScript, HTML5, Canvas, Webpack**   live | github
A game which tests your reflexes and hand/mouse accuracy. Defend the Earth by drawing lines to defend against meteors.

- Engineered a challenging game experience using Object Oriented Programming to manage the game state and custom collision detection algorithms.
- Created a particle system for collisions, which generates a random number of particles at the starting point of the collision and keeps track of color, direction, and size.

EXPERIENCE:

Howl For Change

Full Stack Developer   Aug 2019 - Present

- Built out frontend architecture to complement existing backend using React.js, Redux.js from the ground up.
- Updated web app based on design notes following a daily Agile workflow.
- Implemented responsive web design using CSS media queries based on screen/viewport width to accommodate optimum UX on any device.

D & V Legal Advertising

Computer Support Technician   Jan 2016 - Dec 2017

- Doubled productivity by upgrading outdated standard hard-drives to faster solid-state-drives to meet current standards on all workstations in the office and upgrading the office server storage.
- Transitioned the office from a pen and paper filing system to an Excel filing system with nightly backups onto a Western Digital External Drive.
- Saved company costs by repairing all electronics, ranging from computers to printers and electronic hole punchers.

Associate   Jan 2013 - Jan 2016

- Ensured that over 20+ advertisements daily were error-free by utilizing Microsoft Word spell check and a strong attention to detail, before submitting to the press for printing.
- Managed all financial logs daily, added and updated the status of payments for services provided to clients.

EDUCATION:

AppAcademy - 2019 - 1000hr intensive software engineering course with less than a 3% acceptance rate
Baruch College - *BBA Finance, 2013-2017*