

ELVIS YUAN

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[Portfolio](#)

[LinkedIn](#)

[Github](#)

SKILLS: Ruby, Rails, React, Redux, HTML, CSS, JavaScript, Webpack, Canvas, Websockets, Git, MongoDB, Node.js.

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.

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.

PottyTime **Google Maps, Geolocation and Places API - Current Project**

[github](#)

A bathroom locator web app that recommends restrooms open to the public that are nearest to users.

- Implemented a system for bathroom CRUD which allows users to submit existing locations using Google Maps and Google Geolocation API.
- Introduced sorting feature to list bathrooms based on calculated distance from geographic center of a given search location to provide a more convenient user experience.

EXPERIENCE:

Howl For Change

Full Stack Developer

Aug 2019 - Sept 2019

- Built out frontend architecture to complement existing backend using React.js, Redux.js from the ground up.
- 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- Doubled productivity by upgrading outdated standard hard-drives to faster solid-state-drives to meet current standards on all workstations in the office and upgrading the office server storage.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.

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