

Justin Fernandez

P. 650-296-9132 Justinlfern@gmail.com [LinkedIn](#) [Github](#) San Francisco / Bay Area

SKILLS React.js, Ruby on Rails, JavaScript, jQuery, Ruby, Redux.js, Python, SQL, MongoDB, Express, Git, HTML5, CSS3

PROJECTS

Newflix

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

Netflix clone / React.js, Redux.js, Ruby on Rails, PostgreSQL, CSS3, AWS S3

- Created a functional Newflix frontend that heavily relies on React components and functions that specify app activity based on local state changes to mimic Netflix's interactive and animated UX/UI
- Implemented Ruby on Rails backend authentication using BCrypt's salting and hashing methods to ensure user password and information protection
- Developed backend associations and methods in chosen Rails models to automatically store images and videos to AWS S3, easing server load and scaling by hosting media on a cloud storage

Monster Mayhem

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

Multiplayer battle arena game / React.js, Redux.js, Express, MongoDB, CSS3

- Led frontend and integrated Axios and JavaScript promises to pull information from MongoDB, using Redux's mapStateToProps method to pass information into React components for improved UI/UX and game logic
- Integrated websockets using the socket.io library to provide a temporary server, allowing for multiplayer experience through joining two players online through matching websocket identification numbers

Interdimensional Sniper

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

Single player mouse pointer sniper game / Vanilla JavaScript, Canvas.js

- Applied trigonometry principles to calculate specific angles of laser path when shooting enemies
- Used object oriented programming (classes and object attributes) to manipulate built in canvas methods such as beginPath, fillRect, rect, and closePath to create custom health bars for each enemy spawned into the game
- Cycled through an array of different sprites to give the game characters a more fluid movement as they move across the canvas platform and applied conditional logic to assure current sprites displayed are in the correct order

EXPERIENCE

Web Developer, Freelance Nov 2020 - Present

- Builds small business websites using React for frontend and Ruby on Rails or Django for the backend
- Creatively develops different frontend features to meet client environment and to enhance user experience

Full Stack Software Engineer, Tonight LLC, Aug 2020 - Dec 2020

- Led frontend development of company website using React to create an online business portal for clients
- Uses BCrypt to protect user accounts and to implement keys to allow for role based access

Case Manager, Genentech, Dec 2017 - Sep 2019

- Provided necessary assistance to 50 - 70 patients in need of pharmaceuticals
- Liaised between hospital, insurance provider and patient to ensure approval of medications
- Extensively consulted with uninsured patients to find ways of approval and financial assistance

Pre-medical Student Intern Spinal Diagnostics, Jul 2014 - Aug 2016

- Observed spinal surgeries such as nerve-root ablations, cortisone injections and platelet-rich plasma injections
- Collaborated with nurses on patient admissions, surgery prep procedures and recovery

EDUCATION

App Academy, Immersive software development course with focus on full stack web development (2019-2020)

University of California at Irvine, Bachelor of Science in Biology (Spring 2017)

