

Ngoc Thi Ly



Ngocly94@gmail.com
(408) 784 - 6545
Union City, CA

SKILLS

Ruby on Rails, React, Redux, JavaScript / ES6+, Python, HTML5, CSS3 / SCSS / Sass, MongoDB, PostgreSQL, JQuery, Node.js, Express, Git / Github, MATLAB

EXPERIENCE

Satellite, New York, NY (Remote) - Backend Software Developer Intern

SEPT 2020 - FEB 2021

- Refined and expanded the business' product requirements documents in users' authentication, user profile, AWS S3, Google reCAPTCHA API, Giphy API, and chat feature
- Reinforced the backend beta API application using gem Devise and JWT for Users' authentication

Dryvac Company, San Jose, CA (Remote) - Contract Software Developer

JUL 2020 - SEPT 2020

- Developed a Python program to extract text from PDF and Word documents to Excel reducing tracking and inputting records by >90%
- Redesigned the Company's website using React, HTML5, and CSS3 to transform it to a more modern and sleek appearance

UC Irvine Dept. of Radiology, Irvine, CA - Student Researcher

SEPT 2016 - DEC 2016

- Improved 3-D image reconstruction and registration using MATLAB for smoother user experience and clearer imaging to detect health complications earlier
- Applied my knowledge of human anatomy, medical terminology, linear algebra, mathematical modeling and computation to create and improve efficiency of code

PROJECTS

Proofs Line - A full-stack, single-page web app where users can ask, answer, and vote questions

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

Ruby on Rails, React, Redux, JavaScript, HTML5, CSS3, PostgreSQL, Webpack

- Incorporated pagination, Reactjs Popup, HTML parser, and text editor modals for CRUD actions with questions, answers and downvotes / upvotes to enhance UX and UI
- Designed a search feature that pulls results from PostgreSQL database allowing users to filter by keyword
- Leveraged Redux to optimize the information management of React components, resulting in DRY readable code and increasing scalability of a single page application

huddleUP - A MERN stack app where users can host and sign up for sporting events

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

MongoDB, Express, React, JavaScript, Node, HTML5, CSS3, Figma

- Employed CSS3 Flexbox, z-index, and React-Slick for an appealing and responsive layout
- Collaborated with team members using Git workflow and Slack to achieve features in a timely manner, while switching between both frontend and backend
- Built a RESTful API between client and MongoDB server to allow for consistent client-server interaction

Pacman - PAC-MAN built using vanilla JavaScript

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

JavaScript, HTML5, CSS3, Webpack, Figma

- Implemented HTML Canvas to dynamically render 2D shapes and bitmap images to create visually compelling background and game characters
- Attained a communication network with setInterval(), collision detection, and custom functions between the main character and surrounding features for an interactive gameplay

EDUCATION

App Academy, San Francisco, CA - Full-Stack Web Development

FEB 2020 - MAY 2020

UC Irvine, Irvine, CA - B.S. in Mathematics and B.A. in Psychology

SEPT 2015 - JUN 2018