Alan Deleon

(530) 400-1830 GitHub LinkedIn Portfolio 19deleon88@gmail.com

SKILLS

Languages: JavaScript / Python / SQL (PostgreSQL / SQLite) / HTML / CSS
Tools: Git / AWS / Docker
Frameworks and Libraries: Node.js (Express) / Mocha.js / React / Redux / Flask / socket.io

RELEVANT EXPERIENCE

Junior Programmer   January 2016 – December 2022
Nexcra (Davis, California)
- Designed and developed WiiU gamepad functionality using the Nintendo Web Framework for on-screen to gamepad screen gameplay.
- Collaborated with lead artist and programmer to design a game system that determines a player character's behavior and gameplay mechanics utilizing Impact.Js engine and state machines.
- Resolved various bugs and glitches, including player / NPC states and hitbox issues resulting in smooth bug-free gameplay.

PROJECTS

leet-cord(JavaScript / React / Redux / Python / Flask / CSS3 / Webpack / PostgreSQL / AWS / socket.io)   Site | GitHub
A web application for creating communities to chat and share images with other people.
- Adopted a modular approach to component design to create an efficient and DRY application layout.
- Implemented socket.io to enable users to chat and edit/delete sent messages in real-time.
- Used React with user authorization to render users' Servers/Channel/Message settings dynamically.

Armored Acorns (JavaScript / ImpactJS / Nintendo Web Framework**)**   Site
Video Game officially released onto the Nintendo WiiU Online Store with sales in the thousands.
- Contributed to the expert game team to program, build, test, and debug character behavior and gameplay mechanics and design bonus stages and in-game cutscenes to ensure a polished gaming experience through 2 years of agile development process and various milestones.
- Utilized event listeners and scripts to create reactive NPC AI behavior, leading to enticing combat encounters and cut scenes.

MixNebula (JavaScript / HTML5 / CSS3 / React / Redux / Express / Sequelize / Heroku / AWS)   Site | GitHub
A web application for browsing and listening to music, exploring different artists, and listening to their music.
- Utilized Express.js middleware functionality to create a custom middleware that handles any error an endpoint throws to ensure seamless functionality throughout the application.
- Utilized React and Redux to create a custom-made site-wide music player that dynamically loads and plays playlists.
- Incorporated AWS to both frontend and backend to enable the user to upload songs and images.

Insta-post-pix(JavaScript / React / Redux / Python / Flask / SqlAlchemy / CSS3   Site | GitHub
/ PostgreSQL / AWS / HTML5)
A web application for sharing photos with other users. Inspired by the popular application Instagram.
- Led a team of two software developers using the SCRUM approach and managed version control using Git.
- Integrated AWS to the user interface to enable ease of image uploading for the frontend user.
- Implemented a search feature that allows the user to search any other user on the site utilizing Redux states and stores.

EDUCATION

App Academy   **New York, New York**
Curriculum of Study in Web Development (JavaScript and Python)   November 2021; November – Jan 2023

University of California Davis   **Davis, California**
Bachelor of Arts in Japanese (Language)   Class of 2013