

Alan Deleon

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SKILLS

Languages: JavaScript / Python / SQL (PostgreSQL / SQLite) / HTML / CSS

Tools: Git / AWS / Docker

Framework and Libraries: Node.js (Express) / Mocha.js / React / Redux / Flask / socket.io

RELEVANT EXPERIENCE

Junior Programmer

January 2016 – Present

Nexera (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 lead programmer to create game system design that determine a player character's behavior and gameplay mechanics utilizing Impact.js engine and state machines.

PROJECTS

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 game expert team to program, build, test, and debug character behavior, gameplay mechanics, design bonus stages, and in-game cutscenes to ensure a polished gaming experience through 2 years agile development process and various milestones
- Utilized event listeners and scripts to create reactive NPC AI behavior that lead to enticing combat encounters and enticing cut-scenes.
- Resolved various bugs and glitches including player / npc states and hitbox issues resulting in smooth bug free gameplay.

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 in conjunction with user authorization to dynamically render Servers / Channel settings for users.

MixNebula (JavaScript / HTML5 / CSS3 / React / Redux / Express / Sequelize / Heroku / AWS)

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

A web application for browsing and listening to music. Explore different artists and listen 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.
- Designed frontend React components and Redux states to create a truly dynamic one page website experience.
- 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.

- Collaborated with other software developers using the SCRUM approach and managed version control using Git.
- Integrated AWS to user interface to enable ease of image uploading for the frontend user.
- Implemented a search feature which allows the user to search any other user on the site utilizing Redux states and stores.

EDUCATION

App Academy

Curriculum of Study in Web Development (JavaScript and Python)

New York, New York

November 2021; November – Jan 2023

University of California Davis

Bachelor of Arts in Japanese (Language)

Davis, California

Class of 2013