Daniel Lancaster

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https://github.com/Dapper-Dan https://dapper-dan.github.io/portfolio/ San Francisco Bay Area

SKILLS JavaScript, Ruby, Rails, Express.js, AWS, Node.js, React, Redux, HTML5, CSS3, SQL, Git

PROJECTS

Valor (JavaScript, React, HTML Canvas)

https://dapper-dan.github.io/Valor/ | **https://github.com/Dapper-Dan/Valor**

A Top-down roguelike dungeon crawler video game built entirely with React and Javascript in under 7 days.
- Created fluid character and environment animation via the use of HTML Canvas, sprite sheets, and photo editing software.
- Implemented dynamic enemy npc movement using a modified A* algorithm for pathfinding.

AudioCloud (Javascript, Ruby, Ruby on Rails, React, Amazon S3)

https://dapper-dan.github.io/AudioCloud/ | **https://github.com/Dapper-Dan/AudioCloud**

An audio streaming platform and music sharing social media website built with React, Ruby on Rails, and Ruby.
- Utilized vanilla javascript and HTML Canvas to create a custom interactive and responsive audio waveform visualizer.
- Created fully functional audio and image uploading and storage via Amazon S3. Uploading and displaying speed was optimized by using Rails ActiveStorage to directly link to S3.

Loot(MongoDB, Expres.js, React, Node.js)

https://www.lootncraft.net/ | **https://github.com/Brittany-Hasty/loot**

A video game database consisting of user contributed in-game item recipes. With a team, the site was created in 7 days using JS, Express, Node, and MongoDB.
- Optimized data storing and fetching by utilizing MongoDB's JSON-esque storage.

EXPERIENCE

I.A.T.S.E
San Francisco, California
Team Lead / Stagehand / Aerial Rigger
August 16 2016 – May 2020
- Led or worked in cross-functional teams varying from 4 to 300 people to build live productions such as film, tv, sports, and live music.
- Primary responsibility was to coordinate between road production, venue management, and my own team to assure production was on time, efficient, and safe.
- Ensure safety of aerial rigging overhead by use of mathematics and communication.

EDUCATION

App Academy	**San Francisco, California**
Web Development (Ruby on Rails and JavaScript)	February 2020- June 2020
California State University Chico	**Chico, California**
Mechanical Engineering	August 2008- June 2010