

Note: This is a work-in-progress. I am only putting this up for a bootcamp assignment, and it's not meant to be seen by recruiters in its current state.

Hi Grader!

Hyrum Dolan

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LinkedIn: <https://tinyurl.com/linkedin-hyrum> | GitHub: <https://tinyurl.com/hyrum-github> | Portfolio: <http://www.hyrum.pro>

Results-driven professional transitioning from success in sales and recruiting to software engineering. Proven leader, recruiting and managing a team that generated \$800,000 monthly revenue. Skilled in JavaScript, with experience in Python, C#, and Lua, focused on automation and uniquely utilizing LLMs to solve real business problems. Distinguished by a rapid learning ability, adept at quickly mastering new technologies and programming languages as required for projects.

Technical Skills

Frontend: Javascript, HTML5, CSS, JQuery, Bootstrap, SASS, Tailwind,

Backend: AWS, ReactJS, Firebase, MongoDB, Webpack, Express, Handlebars, MySQL, Node, Bun, Hono,

Projects:

ChatGPT Plays Pokemon

Demo: **[NEED VIDEO DEMO]**

Repo: https://github.com/hyrumsdolan/AI-Pokemon_battler

Lua | ChatGPT API | VM

Takes byte information from Pokemon Emerald and sees both battling pokemon's current HP and other stats. ChatGPT decides a move and inputs the move itself, being able to finish a whole battle by itself.

Basic Javascript Games

Deployed: <https://hyrumsdolan.github.io/Basic-Javascript-Game/>

Repo: <https://github.com/hyrumsdolan/Basic-Javascript-Game>

CSS animations | Javascript

1. Grid movement where you grab a key to open a door.
2. Recreation of Google's offline dinosaur game

Voting Bot

Private Repo

npm | headless browser

Poll that allowed for unlimited votes, but had a lot of bot detection software. Circumvented detection, stayed a certain distance behind 1st place until the last 10 minutes and pulled ahead.

Custom Map Plotter **[Talk to coach about]**

Repo: <https://github.com/hyrumsdolan/Custom-Map-Plotter>

Deployed: <https://hyrumsdolan.github.io/Custom-Map-Plotter/>

Express | mySQL | Google Cloud | node

The job map our job sent out didn't quite fit my teams needs. I created this so a map could be quickly generated to our needs.

Saturation

Private repo

Puppeteer | node

When a new opportunity pops up in my work, it pulls the reports I need, creates a aesthetic job map and board, and uploads them to my work OneDrive.

Auto-Reserver

Private Repo

Puppeteer | node

Checks for parking at a popular parking spot. It checks once a second, and once parking is detected, it goes through the reservation and sends a notification to my phone via a webhook and IFTTT

Snake Q-Learning

Repo: <https://github.com/hyrumsdolan/snake-Q-learning> **[Need to finish]**

Demo: **[Video]**

Python | RL | Q-Learning

Simple project to re-learn python and tinker with Reinforcement Learning.

Bootcamp Projects:

Social Network Backend:

Bun | Hono | MongoDB

Repo: <https://github.com/hyrumsdolan/nosql-social-db>

Demo:  Social Network DB Demo.mp4

Database calls to create/edit/delete users, friendships, posts, comments.

First Front-End Website

Repo: <https://github.com/hyrumsdolan/Portfolio>

Deploy: <https://hyrumsdolan.github.io/Portfolio/>

HTML | CSS

<https://github.com/hyrumsdolan/Portfolio>

Simple portfolio, experimenting with CSS.

Password Generator

Repo: <https://github.com/hyrumsdolan/Password-Creator>

Deploy: <https://hyrumsdolan.github.io/Password-Creator/>

HTML | CSS | Javascript

<https://github.com/hyrumsdolan/Password-Creator>

First JS front-end project. Given specification will generate a password and copy to clipboard

Javascript Quiz Website

Repo: <https://github.com/hyrumsdolan/Timed-JS-Quiz>

Deploy: <https://hyrumsdolan.github.io/Timed-JS-Quiz/>

HTML | CSS | Javascript | Local Storage

<https://github.com/hyrumsdolan/Timed-JS-Quiz>

Dynamic user friendly interface that aesthetically indicated correct and wrong answers and keeps a scoreboard in local storage

Work Day Planner

Repo: <https://github.com/hyrumsdolan/Workday-Planner>

Deploy: <https://hyrumsdolan.github.io/Workday-Planner/>

HTML | CSS | Javascript | Local Storage

<https://github.com/hyrumsdolan/Workday-Planner>

Using local storage, allows to log workday meeting, and show in color what is current, in the past, or in the future

Weather Dashboard

Repo: <https://github.com/hyrumsdolan/City-Weather-Dashboard>

Deploy: <https://hyrumsdolan.github.io/City-Weather-Dashboard/>

Javascript | API | Browser Permissions

<https://github.com/hyrumsdolan/City-Weather-Dashboard>

Simple Aesthetic weather dashboard showing current day and 5 day forecast. Can access any location, but does also request you current location.

Poketherapy

Repo: <https://github.com/hyrumsdolan/Alcoholic-PokeTherapy>

Demo: **[Need video]**

Git as a Team | API | Front-end

<https://github.com/hyrumsdolan/Bootcamp-Group-Project>

Silly team project using ChatGPT to be a 'bad pokemon therapist' that suggests a cocktail.

ChatGPT call creates the 'poke-talk', 'poketalk translation advice' and the cocktail suggestion that pulls from the DB.

EZ-READzME

Repo: <https://github.com/hyrumsdolan/EZ-READzME>

Deploy:

https://drive.google.com/file/d/12BWUyw2c_IYnCCKij-UyspiY2rienz9V/view?usp=sharing

Node.js | NPM

<https://github.com/hyrumsdolan/EZ-READzME>

Using Inquirer, asks questions about your projects and creates a README.md

SVG Logo Generator

Repo: https://github.com/hyrumsdolan/SVG_Logo_Generator

Deploy:

https://drive.google.com/file/d/1XKcCNGWcZ_9Yypn9rndCaCAkp6fCuNB/view?usp=sharing

Node.js | NPM | Jest

https://github.com/hyrumsdolan/SVG_Logo_Generator

Using Inquirer, asks for business acronym and colors and creates a SVG logo.

mySQL Employee Manager

Repo: <https://github.com/hyrumsdolan/mySQL-Employee-Manager>

Deploy:

https://drive.google.com/file/d/1I4Ac30AOsfV6GctRNN2B56Q75pEnOCSn/view?usp=drive_link

Node.js | mySQL

<https://github.com/hyrumsdolan/mySQL-Employee-Manager>

Using mySQL creates a database allowing to input/edit/delete employees, linked with manager, departments, and salary.

Fitness Tracker

Repo: <https://github.com/hyrumsdolan/fitness-tracker-MVC>

Deploy: <https://workout-fitness-tracker-ff2f5d2f6a1e.herokuapp.com/login>

Team Git | Full-stack | Node.js | Handlebars | Express | Sequelize | Prettier | eslint | API |

Authorization

<https://github.com/hyrumsdolan/fitness-tracker-MVC>

Simple fitness tracker where you login and a workout is generated and you can log your sets and reps which are stored in a DB connected to your account. Group project where I proposed the idea, created the mock up, delegated, kept teammates on task, and was involved in every part of the project.

Webserver Note Taker

Repo: <https://github.com/hyrumsdolan/express-note-taker>

Deploy: <https://express-note-taker-ivqt.onrender.com/> **[Deployed on Free Render, takes a minute to boot]**

Node.js | Express | mySQL | Render (first deploy)

<https://github.com/hyrumsdolan/express-note-taker?tab=readme-ov-file>

Allows a user to create/edit/delete notes that are stored in a SQL database.

Ecommerce Backend

Repo: <https://github.com/hyrumsdolan/Ecommerce-Backend-Demo>

Deploy:

Node.js | Express | mySQL | Sequelize

<https://github.com/hyrumdolan/Ecommerce-Backend-Demo>

Backend that allows for manipulation of products, categories, and tags using GET, POST, PUT, and DELETE calls.