RYAN HAEFNER

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Web Development Projects

Portfolio – https://haefneryan.github.io/portfolio

Scheduling Tool - (Tools Used: React, Node, Express, MongoDB)
- This project is a re-creation of an existing scheduling tool used to create an estimated delivery date for custom products. The purpose is to schedule orders based on complexity to increase accuracy of delivery dates to customers. It is a full stack application that includes basic CRUD functionality. This was my first full stack application, and I learned a lot about creating a backend and how to communicate between the front and back ends. The simulated order information can be filtered depending on any of the given column headers.

Job Board - (Tools Used: React, Node, Express, MongoDB)
- This project is a job board webpage that displays company's open positions. This is a full stack application allows a user to add, update or delete a job post. It displays the job posts with information about the position and allows applicates to submit their application. This project utilizes features such as filtering and pagination.

Web Store - (Tools Used: React, CSS)
- This project is a basic E-commerce webpage. It displays products with filtering, and functionality to add items to favorites and your cart. This was the first project that I created to learn React.

Student Grades - API Project - (Tools Used: React, CSS)
- This project displays students and related information. The purpose of this project was to learn how to fetch data from a third-party API, and display data to a webpage. There is a field to add tags to users, and to be able to search by student name or tags.

Word Scrambler Game - API Project - (Tools Used: React, CSS)
- This project fetches a sentence from a third-party API, scrambles the sentence and the user must guess the answer. The purpose of this project was to learn how to fetch data from a third-party API, and display data to a webpage.

Soccer Scores & Tables - API Project - (Tools Used: JavaScript, HTML, CSS)
- This project displays scores and tables from soccer leagues around the world. The purpose of this project was to learn how to fetch data from a third-party API, and display data to a webpage.

Work Experience

SPECIAL PRODUCT ENGINEER | STEELCASE, INC. | DECEMBER 2017 – PRESENT
- Designing custom products varying from simple size changes to complex product development projects.
- Determine feasibility and cost related question requests from customers daily
- Web Development: Improve and maintain scheduling tooling for prioritizing department workload
  - o Full Stack application that provides customers with delivery date

MECHANICAL DESIGNER (CO-OP) | HYDRO-CHEM SYSTEMS, INC. | MAY 2015 – MAY 2017
- Designing large scale assemblies and creating detailed mechanical and electrical engineering prints.
- Creating building layouts of systems for sales and installation purposes.

Skills & Abilities

- Strong communication skills.
- Ability to play leader or team member role.

- Strong conflict resolution abilities.
- Hard-working and self-disciplined individual.

TECHNICAL SKILLS
- Computer Aided Design (CAD) – SolidWorks, Pro-E, AutoCAD
- Web Development
  - JavaScript
  - HTML/CSS
  - jQuery
  - PHP
  - SQL
  - APIs
  - React
  - Node/Express
  - MongoDB

Education

BACHELOR OF SCIENCE, ENGINEERING - PRODUCT DESIGN & MANUFACTURING
GRAND VALLEY STATE UNIVERSITY | 2017