

Benjamin Grinthal

CONTACT

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GitHub : <https://github.com/bgrinthal>

Portfolio : <https://bgrinthal-react-portfolio.herokuapp.com/>

SKILLS

- Computer-Aided Design (CAD)
- MATLAB
- SolidWorks / AutoCAD
- Microsoft Visio
- Management
- 3D Modeling/ Design
- Teamwork/ Collaboration
- Manufacturing Process
- JavaScript, HTML5, CSS
- Bootstrap
- JQuery
- Express.js
- Node.js
- Git
- Object Oriented Programming
- MySQL
- Sequelize
- MongoDB
- React
- MVC Paradigm

PROFESSIONAL SUMMARY

Determined mechanical engineering with over 6 years of experience. Seeking to use proven design, problem-solving, and management skills to excel any position. Collaborative team player with track record of delivering multiple, concurrent projects in fast-paced environment

EDUCATION

Bachelor of Science : Mechanical Engineering, 05/2016

Rutgers, The State University of New Jersey - New Brunswick, NJ

Aerospace Engineering Certificate

Certificate: Full Stack Developer, 08/2022

Rutgers, The State University of New Jersey - Online

- Intensive 3 month course in a variety of different programming languages and technologies
- Created a diverse portfolio in solo and group projects to design reactive front and back end applications deployed to GitHub

Music Charts & Concerts | <https://github.com/bgrinthal/Music-Concerts-API>

- Reactive music application featuring HTML, JavaScript, and Bootstrap as a CSS framework
- Utilizes Ticket Master, Spotify, Billboard100, and Open Weather API's
- Allows user to browse current trending music and search for local venues
- Displays local results by date and popularity showing the venue, artist, event date, and link to purchase tickets, as well as a weather forecast incase the venue is outdoors

React Fitness | <https://github.com/bgrinthal/react-fitness>

- Reactive fitness application utilizing the MERN stack (MongoDB, Express, React, & Node)
- Includes JWT Authentication that restricts a users access to the profile "daily routine" page unless signed in
- User can view a demo of each workout and add/remove it from their profile page
- Profile displays all added workouts and allows user to save notes, sets, reps, and weight used in current exercise

Employee Manager | <https://github.com/bgrinthal/Employee-Tracker>

- A command line application that manages a database of employees in a company using Node.js with JavaScript
- Stores and retrieves company data using the relational database of MySQL containing the table employee, department, and role
- User can follow command prompts which activates queries to to add, edit, remove or view information

WORK HISTORY

OSP Engineer 11/2021 to 04/2022

Verizon - Mount Laurel, NJ

- Managed the damage, upgrade, and installation of Verizon's facilities in designated areas
- Coordinate with construction, power companies, and project managers to ensure work is completed in a timely manner
- Work with vendors to increase production and create accurate design for construction to follow
- Represent Verizon in meetings and surveys to solve problems or to expand the network into new locations

Design Engineer, 04/2018 to 11/2021

Byers Engineering Company Inc. - Somerset, NJ

- Design layouts for Verizon's service providing cables through large New York City locations
- Create CAD drawings using Microsoft Visio and AutoCAD to convey manufacturing and production configurations
- Estimate quantities and cost of materials, equipment, and labor to determine project feasibility
- Develop proposals for clients outlining project scope and timeline
- Provide technical guidance and mentorship to junior engineers engaged in Fios designs
- Read and interpret blueprints, technical drawings, schematics, and computer-generated reports
- Travels to location to sketch/verify on field information to use for design