

Jason Lieb

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OBJECTIVE

To leverage my software engineering skill set and strong engineering background to secure a challenging role as a full stack web developer.

EDUCATION

Georgia Institute of Technology

Online

Boot Camp Certification in Full Stack Web Development

- Relevant Skills: HTML, CSS, Javascript, Node.js, Express, React, Redux, MongoDB, SQL, MySQL, Git

Georgia Institute of Technology

Atlanta, GA

Bachelor of Science in Mechanical Engineering

- GPA: 3.74 / 4.00
- Relevant Coursework: Computing for Engineers (MATLAB), Computing Techniques

SKILLS

Front End: HTML, CSS, Javascript, React, Redux, Svelte, Bootstrap, jQuery, Tailwind, Font Awesome

Back End: Node.js, Express, Handlebars

Databases: SQL, MySQL, Sequelize, NoSQL, MongoDB, Mongoose

Concepts: RESTful APIs, Object Relational / Data Mapping, Model View Controller, Agile Methodology

PROJECTS

Stock Market Visualizer | [Github.com/jason-lieb/stock-market-visualizer-react](https://github.com/jason-lieb/stock-market-visualizer-react) | [\[Deployed Link\]](#)

- A data visualization React single page application that shows historical data for popular stocks, currency exchange rates, and US government data
- Technologies Used: React, Bootstrap, Vite, Google Charts, ESLint, Prettier

Fiesta Collector | [Github.com/jason-lieb/fiesta-collector](https://github.com/jason-lieb/fiesta-collector) | [Fiesta-collector.herokuapp.com](https://fiesta-collector.herokuapp.com)

- A full-stack inventory application for collections of Art Deco style dinnerware using Express and MySQL
- Technologies Used: Heroku, Node.js, Express, MySQL, Sequelize, Express Session, Handlebars, Tailwind, ESLint, Prettier

EXPERIENCE

NSI-MI Technologies, Inc.

Suwanee, GA

Mechanical Engineer / Product Data Management Administrator

June 2020 - December 2022

- Manage a portfolio of 3-5 engineering projects with a focus on developing and implementing custom precision positioning equipment and working with teams and project managers to ideate solutions to respond to customer and program needs.
- Serve as the company's head SolidWorks PDM administrator, managing an enterprise-wide PDM system, software licenses, and workflow management.
- Lead cross-functional team of PDM administrators to troubleshoot technical issues, provide daily support for users, and optimize engineering workflow.
- Spearheaded the migration of over 10,000 files with an error rate of less than 1% from a different file control system using automated VBA scripts and Excel data analysis.
- Support configuration management and version control using SolidWorks PDM and Costpoint ERP knowledge.

Area-I, Inc.

Kennesaw, GA

Mechanical / Aerospace Engineer

May - August 2018, January - April 2019

- Designed a windshield-mounted airspeed display using a pitot tube, Arduino, and LCD screen.
- Programmed and calibrated the Arduino using C++ to display indicated airspeed.
- Designed a new truck-mounted unmanned aerial vehicle launcher and custom toggle linkage release mechanism using SolidWorks.
- Designed and manufactured batteries and fixtures for unmanned aircraft systems.

Hytech Racing - Formula SAE Electric**Atlanta, GA***Lead Powertrain Engineer**August 2016 - December 2018*

- Lead a team to design, manufacture, and validate a new powertrain package.
- Developed Matlab scripts to automate necessary calculations and expediate design.
- Participated in Formula Hybrid all-electric division in May 2018 where the team won first place overall.

LEADERSHIP EXPERIENCE

Boy Scouts of America: Eagle Scout**Phi Sigma Kappa Fraternity****INTERESTS**

Cars, Cooking, Exercising, Linux