

LOGAN G. BLACKSTAD

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SUMMARY

Full-stack web developer with a background in engineering, operations, and manufacturing. Passionate about building new products to help people. Expertise in data analytics and optimization projects. Fluent in Python, JavaScript, SQL, and React.

SKILLS

Python, CSS, HTML, JavaScript, Ajax, jQuery, Node.js, Express, React, Redux, SQL, PostgreSQL, MySQL, RESTful APIs, GraphQL, MongoDB, Git, GitHub, AWS, R, Tableau, Power BI, Excel, Agile Software Development

EDUCATION

DigitalCrafts - Atlanta, GA March 2020 – June 2020
Full-Stack Software Development Bootcamp | 16-week full-time immersive

Georgia Institute of Technology, School of Engineering - Atlanta, GA August 2011 – December 2015
B.S. in Materials Science and Engineering | GPA: 3.61 | Minor: Industrial Design

PROJECTS / DEVELOPMENT EXPERIENCE

SocialHound - [GitHub Repository](#) | [Live Site](#) July 2020
SocialHound is a social network designed specifically for dogs. Built with a Firebase back-end and React front-end, the app uses Redux to allow users to select between multiple, independent dog profiles and provides functionality for social feeds, instant messaging, and location services. My role in the 4-person developer team was front-end architecture.

YOUi - [GitHub Repository](#) | [Live Site](#) May 2020
YOUi is a customizable UI dashboard built with the Gridstack.js library. YOUi interfaces with ten APIs to collect data for various widgets on the dashboard including weather, news, COVID-19 statistics, and more. I developed the app along with two teammates in an Agile, remote work environment and focused primarily on library integration, design, and UX.

Scene It - [GitHub Repository](#) | [Live Site](#) April 2020
Using the OMDb API, Scene It allows a user to search for any movie in the API and save that movie to their personal watch list via local storage in the browser. Building this app served as my introduction to working with APIs and local storage. Scene It was built using JavaScript, jQuery, Axios, and Bootstrap to format the JSON data coming from the API.

PROFESSIONAL EXPERIENCE

Data Management Analyst, Argus (a Commodity Data Platform) - Houston, TX March 2019 – November 2019

- Developed data management strategy for serving real-time commodity trade data and news to clients
- Automated extraction and cleaning (Excel/VBA/SQL) of client usage statistics to drive client renewal campaigns
- Designed and built web scrapers (using R/Selenium) to extract commodities market trade data and apply regression models to assess financial risk exposure, predict price trends, and track market developments

Logistics and Operations Planner, Novelis - Atlanta, GA March 2017 – May 2018

- Responsible for \$25MM+ in aluminum metal commodity procurement and demand planning for western U.S. market
- Developed BI dashboards (Excel, SQL, Power BI, Tableau) to track supply chain and logistics operations
- Built ETL pipelines to clean, transform, merge, and model unclean data from a variety of sources
- Optimized lean inventory flows and identified commodity risk/arbitrage exposure using What-If Analysis

Manufacturing Engineer, Mercedes-Benz - Vance, AL February 2016 – March 2017

- Managed all change management approvals, process capability studies, and engineering validation for all bolted assembly processes on the ~300,000 Mercedes-Benz vehicles manufactured in Alabama annually
- Used QlikView standardize Statistical Process Control (SPC) measures and identify assembly line anomalies
- Wrote VBA scripts to automate manpower planning report creation