# Richard Lowther

Github | LinkedIn

*Innovative thinker who has demonstrated the ability to use code to solve business problems in day-to-day work. Passionate about breaking down challenging problems and creating solutions that are clear and easy to understand for the end user. Continuous learner who is always eager to acquire new skills and seek out opportunities to apply those skills in the workplace and on personal projects.*

## PROJECTS

**Related Artists Highlight**
- Designed to help users find lesser-known artists that are similar to their current favorites
- Uses React.js and Bootstrap for the front end and Node.js/Express.js for the backend
- Back end manages all API calls and redirect for OAuth

**Nutrition Tracker**
- Allows users to track caloric intake, exercise, and daily calorie allotment
- Front end implemented with React.js and uses React's Context API for state management
- Uses Netlify serverless functions to securely make requests from the USDA REST API

## SKILLS

**Front End:** Javascript (React.js), HTML, CSS, SASS, Bootstrap
**Back End:** Javascript (Nodes.js, Express.js), SQL (Postgres)
**General:** APIs (GraphQL, REST), OAuth, Python (Pandas, Streamlit, Matplotlib), OOP

## PROFESSIONAL EXPERIENCE

**Comeback Vinyl,** *Data Analyst,* Alpharetta GA                                    *January 2022 – Present*
- Currently developing a custom metrics dashboard that gathers data to construct all important metrics related to the organization's goals (Python, Streamlit, GraphQL & REST APIs, Matplotlib)
- Created a Python script to apply the business's quarterly price-check logic to our inventory, resulting in *98% decrease in the time spent on the task*
- Deployed a web application with Streamlit (Python) that walks employees through all required steps to build products for our website and provides *input validation to apply quality control measures*
- *Increased inventory by 15%* by utilizing Python and the data provided through the Discogs and Spotify REST APIs to strategically select the best titles to expand with
- Preformed ad hoc data analysis tasks: analyzed seasonal revenue performance, determined historically top selling titles, determining average time between customer orders, etc.

**Fiserv Inc,** *Program Analyst – Technology Services,* Alpharetta GA                    *June 2021 – Nov 2021*
- Provided support to the Third-Party Audit Team by tracking down evidence for PCI DSS assessments
- Constructed a metrics tracker in excel to give team a quantitative description of audit efficiency
- Assisted in analysis to devise a method to automate repetitive audit requests

**United States Army**, *Healthcare Specialist (Active Duty)*, FT Campbell, KY          *March 2016 – August 2018*
Enlisted after 3 semesters at Mississippi State in response to the Paris terror attacks in the Fall of 2015
- Early promotion to Specialist (E-4) from Private First Class (E-3)
- Instructed basic First Responder training to 20+ personnel department resulting in 100% certification
- Informed and advised manager on medical situations pertaining to his department and developed possible solutions for him to pursue
- Provided customer satisfaction in a clinic setting by ensuring all patient's needs were addressed and assisted the medical provider in providing adequate care

## EDUCATION

**The University of Georgia**, *Athens*, GA                                    *January 2019 – May 2021*
- **Major**: Bachelor of Business Administration in Economics
- **Cumulative GPA**: 3.72/4.00

**Mississippi State University**, *Starkville,* MS                              *August 2014 – December 2015*
- Core Curriculum in Industrial Engineering
- **Honors:** Presidents List (4.0 Semester)