MATT MCBEE

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PROFESSIONAL SUMMARY

Motivated scientist seeking to transition into a full-stack developer role utilizing my skills in data analysis, problem-solving, and attention to detail.

EDUCATION

Fullstack Bootcamp - Nucamp, March 2023

Projects:

- Built multiple websites for band showcasing their music, upcoming shows, merchandise and allowing them to contact the via email band using an online API.
- Built an interactive website for a local civic association allowing them to send monthly newsletters to subscribers using MailChimp API
- Built a web application using React and Redux to help users create meals using groceries currently in their cabinets.
- Built a website allowing users to pull data in from an online API to enhance their gaming experience.
- Developed a mobile app using React Native to help users explore and reserve sites at a fictional campsite.
- Developed a backend using NodeJS allowing for HTTP request with the mock camping reservation site and tested using Postman.

James Madison University, Harrisonburg, VA - B.S. Chemistry, December 2019

PROFESSIONAL EXPERIENCE

PPD, RICHMOND, VA, USA

- SCIENTIST, JAN 2020 – PRESENT

  - Developed job aids using Python to increase efficiency in day-to-day tasks
  - Effectively communicated complex data analysis results to management and cross-functional teams, utilizing insights to inform future planning, resource allocation, and strategic decision-making.
  - Trained and onboarded new team members, providing comprehensive instruction and guidance to quickly bring them up to speed on development best practices, team workflows, and project requirements.
  - Analyze biological matrix samples to determine the levels of targeted pharmaceutical compounds in order to aid in the development of long term clinical studies.

JAMES MADISON UNIVERSITY, HARRISONBURG, VA, USA

- RESEARCH ASSISTANT, AUG 2018 – AUG 2019

  - Generated a novel process incorporating enzyme catalysis synthesizing a targeted chemical product, overcoming hurdles in the synthetic pathway.

SKILLS

- Front-end languages
  - HTML, CSS, JS, Redux
- JS frameworks
  - React, React Native
- Back-end
  - Python, NodeJS, Express, MongoDB, Mongoose, API, RESTful web services
- Data analysis using complex software
  - Analyst, MultiQuant, Assist, Microsoft Office