Jackson Astraikis

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EDUCATION:

University of North Carolina at Greensboro   August 2021 – December 2024

Bachelor of Science in Computer Science

(previously completed my freshman year credits at Durham Technical Community College and Forsyth Technical Community College)

HONORS AND ACADEMIC ACCOMPLISHMENTS:

31 Composite ACT Score, 1st Place for the Health Category at HackDuke 2021

Dean's List: Fall 2020, Fall 2021   Chancellor's List: Spring 2022

EXPERIENCE:

IBM   May 2022 – August 2022

Backend Software Developer Intern

- Implemented distributed systems tracing libraries to improve observability and identify weak spots throughout a collection of microservices.
- Reworked code to meet the latest Go standards and reduce redundancy.
- Worked with management and the DevOps team to create dashboards that provided easy access to real-time key metrics and potential issues for production-level software.

PROJECTS:

Data Visualization Platform   quadrad.io

Built a web app for visualizing product review data manually aggregated from several popular review sites. Wrote functions to parse CSV data and convert each entry into Javascript objects before uploading to MongoDB. The backend was built with Express, and the frontend was built with React and Redux. This project was built for a client as a freelance developer. Featured on "On Air with Ryan Seacrest" and "Fox 11 Los Angeles."

Course Tracker Web App   plnr-app.herokuapp.com

Built a web app for tracking schoolwork using the Django Rest Framework and React.js. Includes the ability to assign courses to a schedule, view assignments by their due date, and perform CRUD operations asynchronously.

Barcode Scanner for Harmful Ingredients   github.com/astraikis/pyp

Created a barcode scanner using React that examines a food items ingredient list and flags potentially harmful ingredients. This project was created during Hack Duke 2021 and won 1st place for the Health Category.

SKILLS AND TECHNOLOGIES:

Python, Javascript, Go, Django, Express, React, Node.js, Git, Agile Workflow, MongoDB, Heroku, AWS S3