

ZACHARY ELLINGTON

EDUCATION

BACHELOR OF COMPUTER SCIENCE (MAY 2024)

MASTER OF COMPUTER SCIENCE (IN PROGRESS EST. DEC 2025)

East Carolina University

- Relevant Coursework: Computer Networks, Object Oriented Data Structures, Natural Language Processing, Web Applications, Database Management, Mobile Computing, Information Retrieval, Automata and Complex Systems, Software Engineering I and 2...
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RECENT PROJECTS

TASKIFY

This is a task manager application that helps busy individuals keep track of their time. The main part of this project consists of an advanced calendar UI, daily reminders, and a way to sort and group certain tasks. Tech Stack: Node.js, React, PostgreSQL

INVENTORY MANAGEMENT SOLUTIONS

This is an efficient way for orders, parts, and invoices to be managed for a small car shop. This included admin and worker login, advanced statistics to track income, order status and more. Tech Stack: Flask, Python, HTML/CSS, JavaScript, Bootstrap

WORK EXPERIENCE

FRONT DESK MANAGER

2016 – 2024 EZ Car Care

Managed day-to-day tasks, including IT functions such as troubleshooting software and network issues, placing part orders, conducting inventory counts, and ensuring quality customer relations by handling work orders and rentals.

WEB DEVELOPER (Contract)

Dec 2024 – Jan 2025 | Freelance

Developed and launched [Not Another Jerky Co.](#), a Shopify-based e-commerce website. Customized Shopify themes, integrated payment gateways, and optimized the user experience for both mobile and desktop users. Managed product listings, inventory, and site performance while ensuring security and SEO best practices to drive traffic and conversions.

TECHNICAL SKILLS

- Languages: JavaScript, HTML / CSS, Python, Java, SQL Open to learning more!
- Frameworks: Flask, Bootstrap, React, Three.js, Database: PostgreSQL, SQLAlchemy
- Tools: Blender, Matplotlib, NumPy

NOTABLE MENTIONS

- 1st Place at Spark Hackathon
 - Eagle Scout
 - Distinguished Member of the National Honor Society
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