

# Joscelyn McHugh

Greensboro, NC • (336) 423-8684 • mcjoscelyn@gmail.com • linkedin.com/in/joscelyn-M/

## Skills

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- Programming Languages: Python, Java, C/C++, HTML/CSS, JavaScript.
- Tools: Git, GitHub, VS Code, Laravel.
- Frameworks: Flask, React, Node.js.
- Soft Skills: Communication, Team Collaboration, Time Management, Leadership, Problem-Solving.

## Projects

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### *GrungHaven Tavern, Capstone*

- Designed and implemented RESTful APIs to manage player data, items, and encounters for a digital Dungeons and Dragons platform.
- Integrated Flask backend with React UI to enable real-time game interactions and session saving.
- Collaborated with 3 teammates and conducted weekly Agile sprints to ensure feature alignment.
- Reduced API load time by ~20% through optimized data queries and schema indexing.
- GitHub Link: <https://github.com/JMcHugh369/sample1/tree/newBranch>.

### *RoBERTa Essay Classifier*

- Trained and tested a RoBERTa model to differentiate between human-written and AI-generated essays.
- Collected and preprocessed custom datasets for sentiment-based classification accuracy.
- Conducted experiments and evaluations to enhance model performance on formal vs. sentimental tone.
- OneDrive Link: [https://uncg-my.sharepoint.com/:f/g/personal/jrmchugh\\_uncg\\_edu/EvOeRcKKOmFGs3obv4qWkO](https://uncg-my.sharepoint.com/:f/g/personal/jrmchugh_uncg_edu/EvOeRcKKOmFGs3obv4qWkO).
- ABKNA YrB1T7W4NggWkgtdVg?e=Exg46V.

### *RockAuto 2.0*

- Built an e-commerce platform with user and admin roles using Laravel, HTML/CSS, and PHP.
- Implemented cart persistence with cookies and PostgreSQL for backend logic.
- Designed and coded both frontend UI and backend controllers to manage inventory and user actions.

## Experience

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### *Food Lion LLC, Summerfield (NC)*

#### **Supervisor**

October 2021 – Present

- Supervise front-end operations, managing 5+ team members per shift and ensuring smooth workflow.
- Train new hires on POS systems, customer engagement, and cash handling policies.
- Open and close store, handle registers, balance drawers, and resolve customer concerns promptly.

## Education

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### **Bachelor's in Computer Science**

University of North Carolina at Greensboro

May 2025

I studied at UNCG for two and a half years after Forsyth Tech and earned my Bachelor's in Computer Science.

### **Associate's in Science**

Forsyth Technical Community College, Winston, NC

July 2022

I participated in the Early College program in Stokes County, concurrently enrolling at Forsyth Technical Community College to earn my Associate's degree. After graduating, I continued for an additional semester to complete advanced coursework in mathematics and economics.