# Maria Esteban

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### **EDUCATION**

### **Bethany Lutheran College**

Mankato, MN

B.A. Computer Science, B.A. Mechanical Engineering, Minor in Mathematics

Graduation: May 2025

**GPA:** 3.90

Honors: Dean's List (6/6 semesters), UMAC Academic All-Conference (2022, 2023, 2024)

Remote

Intermediate Software Engineering Course

May 2024 - August 2024

- Developed proficiency in tackling and solving real-world industry challenges using various data structures and algorithms
- Participated in tech industry panels and received individual mentorship from experienced software engineers

### **EXPERIENCE**

# Software Development Intern

May 2024 - August 2024

Rochester, MN

Pharmaceutical Specialties Inc.

- Developed and maintained a full stack Cold Fusion application with an MS SQL database as part of a small team submitting production code changes through pull requests. Worked with users from different departments to define requirements for creating new and improving existing functions to improve their workflow
- Streamlined the client preparation process for sales and marketing by creating a summary print feature using SQL queries to compile essential client information for business trips
- Improved internal communication by creating real-time email and banner notifications, keeping executive team and department heads informed of important events and required actions such as expired chemicals, costing approvals, and new recurring invoices
- Contributed in an intern project that explored the implementation of AI in the cosmetics industry and assessed potential opportunities and benefits. Presented all the findings to the executive team
- Gained insight into FDA-regulated processes through rotational training across manufacturing, packaging, quality assurance, and shipping departments

**Tutor** August 2023 - Present

Bethany Lutheran College

Mankato. MN

- Delivered one-on-one and group tutoring sessions to college students in programming (Python, Java, C#), mathematics (Calculus I, II and III), and physics courses
- Focused one clarifying complex concepts, fostering critical thinking, and improving academic outcomes, resulting in significant grade improvements and positive feedback

### **PROJECTS**

# **GUI Vending Machine**

**View Project** 

Developed a C# GUI-based vending machine simulation, leveraging Object-Oriented Programming principles

Allows users to input the name of a city and it provides the current weather information. It is built with HTML,

CSS, and JavaScript and it uses OpenWeatherMap API to fetch real-time data

### **SKILLS**

- Programming: Java, Python, C#, SOL, HTML5, CSS, JavaScript, Adobe ColdFusion, MATLAB
- Tools: VSC, Git, GitHub, MS SQL, MySQL, Node.js, React.js, Express.js, MongoDB, Linux, AWS (beginner)

# LEADERSHIP AND AFFILIATIONS

- Campus Involvement: NCAA D3 Women's Basketball, Scholastic Leadership Society, Student-Athlete Advisory Committee
- Member: CodePath, Rewriting the Code, Girls Who Code, AnitaB.org, ColorStack