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:** 3.86
- **Honors:** Dean's List (7/7 semesters), UMAC Academic All-Conference (2022, 2023, 2024)

CodePath   **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**
Pharmaceutical Specialties Inc.   *Rochester, MN*
- 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 features and optimizing existing functions to enhance efficiency and usability.
- 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
Todo List App   **View Project**
- Developed a full-stack to-do list application using the MERN stack (MongoDB, Express.js, React.js, Node.js). Implemented features such as adding, updating, and deleting tasks, along with real-time status updates in the database

SKILLS

- **Programming:** Java, Python, C#, C, SQL, 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