

# Jackson D. Warmington

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 <https://www.linkedin.com/in/jacksonwarmington/>

St. Paul / Minneapolis, Minnesota

## EDUCATION

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### • University of St. Thomas

B.S. Computer Science & B.S. Mathematics

◦ GPA: 3.85/4.00

September 2022 - May 2026

St. Paul, Minnesota

## PROFESSIONAL SUMMARY

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Full-stack developer with experience in .NET, Python, and Oracle APEX. Skilled in building automation solutions, backend services, and intuitive user interfaces to improve productivity and reliability.

## EXPERIENCE

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### • Cambria

Software Developer Intern

◦ Collaborated in Agile Scrum teams to deliver full-stack applications using .NET and C#, Oracle Apex, and backend python algorithms.

◦ Designed backend algorithms that increased factory automation efficiency by **70%**, boosting productivity.

◦ Enhanced internal tools, reducing operational inefficiencies by **20%**.

◦ Developed responsive front-end features in TypeScript/CSS, improving usability for internal staff.

May 2025 – August 2025

Belle Plaine, MN

### • Westman Diesel

Bilingual Operations Intern

◦ Coordinated operations across English and Spanish-speaking teams, improving workflow efficiency.

◦ Maintained safety compliance and reduced workplace hazards

◦ Supported maintenance operations including sandblasting, painting, and material handling.

◦ Translated technical instructions and safety procedures, ensuring clear communication and reducing errors.

May 2023 – August 2024

Faribault, MN

## PROJECTS

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### • Revision Log

Tools: C#, SQL, TypeScript, CSS, JSON, Docker, Swagger API

◦ Designed and deployed a full-stack logging solution integrated into the company's management system.

◦ Developed a custom internal interface enabling employees to create, edit, and store logs with persistent database support.

◦ Ensured system reliability and data integrity through robust validation and error handling.

◦ Implemented automated unit tests to validate software changes, improving reliability and release confidence.

◦ Collaborated with cross-functional teams to align logging features with business requirements, ensuring adoption and long-term maintainability.

Cambria

### • Python Algorithm

Tools: Visual Studio Code, Postman, Vault, Oracle Apex, Docker, JSON

◦ Built a backend service to process structured input data and validate it against an existing database using key identifiers.

◦ Integrated with an external algorithm and developed a logic layer to return relevant matches in clean, structured JSON payloads.

◦ Significantly improved the efficiency of quality checks by automating data validation.

◦ Applied Agile practices and collaborated with stakeholders to deliver accurate, production-ready solutions.

◦ Optimized algorithm performance and database queries, reducing processing time, and supporting scalability for larger datasets.

Cambria

## SKILLS

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• **Programming:** Java, Python, C#, C, MATLAB, JavaScript, TypeScript, SQL, PLSQL, HTML, CSS, JSON, Linux

• **Frameworks & Tools:** .NET, MSSQL, Visual Studio, Visual Studio Code, Postman, Vault, IntelliJ, Eclipse, Oracle Apex, Docker, DBeaver

• **Collaboration:** GitHub, Git, Agile Scrum, Jira, Atlassian, Oracle Apex

• **Math & Data:** Multi-variable Calculus, Linear Algebra, Discrete Math, Logic, Data Handling