CHRISTIAN GRABER

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EDUCATION

University of Cincinnati — Cincinnati, OH
Bachelor of Science in Computer Science — *Graduating: May 2026*
- Relevant Coursework: Algorithms, Databases, Operating Systems, Software Engineering, Image Processing, IoT.

EXPERIENCE

MRI Software — Cleveland, OH
Software Engineering Intern — *May 2024 – Aug 2024*
- Developed over 10 API endpoints in C# .NET, using MSSQL to improve data access and security efficiency by 20%.
- Modernized external-facing pages by migrating to C#.NET, improving page load speed by 50% and implementing RESTful APIs for enhanced security.
- Collaborated with a transcontinental Agile team, using Scrum and Sprint planning to deliver high-quality software.
- Led a fundraising initiative raising $10,000 for a non-profit cause.

Midmark Corporation — Versailles, OH
Software Engineering Intern — *Aug 2023 – Dec 2023*
- Developed internal C# tools, reducing bugs by 15% and improving software stability.
- Integrated Python table hash testing and unit testing to boost product quality and reduce error prone data by 100%.
- Optimized RESTful APIs, reducing response times by 10% and improving data retrieval efficiency.

Midmark Corporation — Versailles, OH
Software Engineering Intern — *Jan 2023 – Apr 2023*
- Developed over 5 reusable React components in TypeScript, enhancing user experience and resolving over 10 front-end security and visual related issues.
- Implemented micro front ends with Single-Spa and components using TypeScript and React for cross-team usage.
- Collaborated with UI designer to improve usability and consistency, reducing friction on React components by 10%.

Stonewall Boxers — Cleveland, OH
Website Developer — *Jan 2019 – Mar 2019*
- Created and optimized a dynamic website, attracting hundreds of users each month.
- Implemented SEO optimizations to increase web traffic for the local business.

PROJECTS

ForumHub
React, JavaScript, Java, PostgreSQL
- Developed a dynamic React-based forum website hosted on Azure, featuring a modern architecture and interface.
- Implemented pagination and efficient rendering of hundreds of posts, comments, and reactions.

RideShare App
Kotlin, C#, .NET, MongoDB
- Developed an Android-based ride-sharing app using Kotlin with a .NET Core backend and MSSQL for data storage.
- Utilized MSSQL Server and MongoDB for scalable data management.

eCommerce Application
Java, Spring Boot, React, PostgreSQL
- Developed a full-stack eCommerce web application using Java (Spring Boot) for the backend, React for the frontend, and PostgreSQL for data storage.
- Designed the database schema and synchronized backend for Object-Relational Mapping.

COMMUNITY & LEADERSHIP

Tau Kappa Epsilon Fraternity — Cincinnati, OH
Historian — *Aug 2020 – Present*
- Organized and managed alumni relations with the chapter, boosting scholarship funds by 30%.

UC Robotics Club — Cincinnati, OH
Secretary — *Aug 2021 – Present*
- Implemented object detection in the club's robot using OpenCV, ROS2, and Rviz, decreasing collisions by 3x.

SKILLS

Languages: TypeScript, JavaScript, Python, C#, Java, SQL, HTML, CSS, C++, C, Bash, JSON, PHP, VBA

Technologies: Azure, Docker, React.js, Angular, MongoDB, Tailwind, Spring, ASP.NET, Node.js, Google Cloud

Concepts: RESTful APIs, Containerization, Cloud, Linux, Full-stack, Backend, Frontend, Web Development, Unit Testing, Distributed Computing, Web Frameworks, Database Design, Software Engineering, Mobile Development, Agile Methodologies, Cross-Platform Development, Responsive Design, Microservices

AVAILABLE FOR CO-OP: SPRING 2025