

CHRISTIAN GRABER

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EDUCATION

University of Cincinnati

Bachelor of Science in Computer Science

- Relevant Coursework: Algorithms, Databases, Operating Systems, Software Engineering, Image Processing, IoT.

Cincinnati, OH

Graduating: May 2026

EXPERIENCE

MRI Software

Software Engineering Intern

- Developed over 10 API endpoints in C# .NET to improve data access and security efficiency by 20%.
- Modernized external-facing pages, improving speed and security by 50%.
- Collaborated with a transcontinental Agile team to deliver high-quality software.
- Led a fundraising initiative raising \$10,000 for a non-profit cause.

Cleveland, OH

May 2024 – Aug 2024

Midmark Corporation

Software Engineering Intern

- Developed internal C# tools, reducing bugs by 15% and improving software stability.
- Integrated Python-based table hash testing and unit testing to boost product quality.

Cincinnati, OH

Aug 2023 – Dec 2023

Midmark Corporation

Software Engineering Intern

- Developed over 5 React components in TypeScript, enhancing the user experience and resolving over 10 front-end issues.
- Implemented micro front ends and integrated components for cross-team collaboration.

Cincinnati, OH

Jan 2023 – Apr 2023

Stonewall Boxers

Website Developer

- Created and optimized a dynamic website, attracting hundreds of users each month.
- Implemented SEO optimizations to increase web traffic for the local business.

Cincinnati, OH

Jan 2019 – Mar 2019

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 PostgreSQL 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

Historian

- Organized and managed alumni relations with the chapter, boosting scholarship funds by 30%.

Cincinnati, OH

Aug 2020 – Present

UC Robotics Club

Secretary

- Implemented object detection in the club's robot using OpenCV, ROS2, and Rviz, decreasing collisions by 3x.
- Coordinated external and internal opportunities, managed club records, and facilitated communication among 20+ members.

Cincinnati, OH

Aug 2021 – Present

SKILLS

Languages: C#, Java, Python, C++, C, TypeScript, JavaScript, SQL (PostgreSQL, MSSQL), HTML, CSS

Technologies: Frontend: React (Material-UI), HTML, CSS; Backend: Spring Boot, ASP.NET, .NET Core; Full-Stack: Azure (Database, App Services, Web Apps), Google Cloud; Development Tools: Visual Studio, Visual Studio Code, Oracle VirtualBox; Operating Systems: Windows, macOS, Linux, Android

Concepts: Cloud Computing (Azure DevOps, Google Cloud), Agile Methodologies, API Development, Web Development, Cross-Platform Development