

Kelsey Roberts

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SUMMARY

Ambitious software engineering student with a strong foundation in problem-solving, creative thinking, and collaborative development. Experienced in academic and personal projects including web, mobile, and game development. Known for having a strong work ethic, attention to detail, and excellent communication skills. Especially passionate about designing and optimizing algorithms.

TECHNICAL SKILLS

Languages: C#, C++, Python, Java, SQL, HTML, CSS, JavaScript, Swift

Tools & Frameworks: Git/GitHub, Visual Studio, VS Code, Unity, Godot, Android Studio, MySQL

Concepts: OOP, data structures & algorithms, unit testing, Big O Notation

EDUCATION

Miami University, Oxford, OH

Bachelor of Science in Software Engineering | August 2025 | GPA: 3.25

- Relevant Courses: *Systems I (C++)*, *Software Requirements*, *Software Architecture*, *Software Testing (Java)*, *Software Construction (Python)*, *Web Development (HTML, CSS, JavaScript, SQL)*, *Algorithms and Data Structures (Java)*, *Machine Learning (Python)*, *Linear Algebra*, *Applied Statistics*, *Calculus I and II*, *Physics I and II*, *Capstone Project (Godot game engine plugin – environment generation)*

Cuyahoga Community College, Cleveland, OH

Associate of Applied Business in IT | Dec 2021 | GPA: 3.84

- Mobile App Development Certificate
 - Relevant Courses: *ASP.Net Core Web Programming*, *Java Programming*, *Data Structures and Algorithms (Java)*, *Systems Analysis*, *Networking Fundamentals*, *Interactive Internet Programming (JavaScript)*, *Enterprise Database Systems (SQL)*, *iOS Application Programming*, and *Android Mobile Application Development*
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EXPERIENCE

Miami University Robotics Department, Middletown, OH

Student Assistant | 2022 – 2024

- Created a wearable device that remotely controlled a robotic arm for the Duke Energy Project. (Arduino)
- Designed and tested electrical circuits and control programs for robotics.
- Conducted independent research to address project challenges.

Barnes & Noble Bookstore, Woodmere, OH

Receiver / Bookseller | 2018 – 2022

- Processed shipments, managed inventory, and streamlined shelving operations.
- Delivered exceptional customer service to enhance sales and loyalty.