Brayden Simic

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EDUCATION

University of Central Oklahoma, B.S. in Computer Science, GPA: 3.78 / 4.0   *Expected Graduation: May 2026*
Honors: President's Honor Roll
Relevant Coursework: Data Structures & Algorithms, Software Engineering, Operating Systems, Programming Languages, Computer Architecture, Linear Algebra

Rose State College, B.S. in Computer Science, GPA: 3.83 / 4.0   *Aug 2022 - May 2024*
Honors: Vice President's Honor Roll
Relevant Coursework: C++ Language, Discrete Structures, Calculus III,

TECHNICAL SKILLS

Programming Languages: C++, SQL, Python, C#, Java, CSS, HTML
Frameworks & Tools: .NET, ASP.NET, SQLite, GitHub, VS code, Visual Studio
Core Skills: Data Structures & Algorithms, Object-Oriented Programming, Debugging
Certifications: Java GUI and Software Design, Computer Architecture and Assembly Language Programming, Digital Logic Design

WORK EXPERIENCE

Volunteer Math Tutor | Self-Initiated   *Aug 2023 – May 2025*
- Provided personalized, one-on-one tutoring in mathematics to high school students.
- Achieved an average improvement of 15-20% increase in student test scores by applying individualized teaching strategies.
- Applied critical thinking, leadership, and communication skills by independently organizing sessions, setting learning goals, and explaining complex concepts in a clear, relatable way.

PROJECTS

MyGarage: Vehicle Management App | SQL, C#, .NET
- Developed a Windows Forms application to store vehicle and service record data using SQL Server, featuring dynamic UI elements and persistent storage.
- Implemented dynamic form controls, SQL parameterized queries, and error handling to ensure secure, reliable user input and seamless data interaction.

ConnectBook: Contact Manager App | SQLite, ASP.NET, CSS, HTML
- Implemented full CRUD functionality with form-based input, data validation, and persistent storage through SQL queries and parameter binding.
- Integrated SQLite and Entity Framework to enable persistent storage and fast search.
- Implemented add, edit, delete, and search functionality with a user-friendly UI and persistent data storage.

LEADERSHIP

- Helped classmates troubleshoot and debug issues with SQLite databases and ASP.NET web applications, improving group productivity and understanding.
- Contributed to group projects by organizing code structure, guiding version control usage, and ensuring consistent implementation across team members.