

Grace Sanner

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<https://github.com/g-sanner>

EDUCATION

Associates of Science, May 2022, Rock Valley College, Rockford, IL

GPA: 3.408/4.000

Bachelors of Science, May 2026, Northern Illinois University, DeKalb, IL

GPA: 3.862/4.000

Major: Computer Science

Minors: Business Administration, Business Innovation & Entrepreneurship

WORK EXPERIENCE

Software Architect Intern, Ticomix Inc. (May 2025 - August 2025)

- Contributed to the design, development, and maintenance of custom web applications using the .NET Framework within an MVC architecture.
- Developed and optimized LINQ queries to perform CRUD operations, ensuring efficient database interactions and maintainable code.
- Gathered requirements from stakeholders and translated business needs into clear technical specifications.
- Assisted in building front-end components using Angular to enhance user experience.

Teaching Assistant, Programming in Assembler, Northern Illinois University
(January 2025 - Present)

- Reconceptualize binary/hexadecimal arithmetic, zoned to packed decimal conversions, internal and external subroutines, and Assembler tables into easily understandable terms for 40+ students/semester.
- Coordinate with two other sections to ensure consistent grading, determine frequently asked questions, and maximize availability to students at scheduled office hours.
- Assisted with student questions at scheduled office hours and through virtual communication.
- Created and implemented grading criteria for 460+ student programming assignments.

Software Development Intern, Ticomix (May 2024 - August 2024)

- Successfully developed and deployed 40+ work items from concepts to completely live website elements for custom web applications using the Microsoft stack associated with .NET Core.
- Collaborated with software architects and testers to meet and exceed project requirements.
- Navigated Azure DevOps to communicate with customers, coworkers and supervisors about developing work stories.

Assistant Librarian, Winnebago Public Library (October 2022 - present)

- Maintain 2,000+ patron records within library database connected to 138 Illinois libraries.
- Oversaw transition into new software, PrairieCat, by ensuring correct transfer of current data.

TECHNICAL SUMMARY

Languages: Assembler, C#, C++, COBOL, CSS, HTML, Java, JavaScript, JCL, LINQ, PHP, Python, TypeScript, SQL, Swift

Developer Tools: GitHub, Azure DevOps, Android Studio, XCode

Database Management: MariaDB, SSMS

Certificates: Mobile Programming (NIU, 2026)

CO-CURRICULARS

Honors Program, August 2023 - present

Dean's List, December 2023, May 2024, May 2025

Girls Who Code, March 2024 - present

Student Advisory Council, August 2024 - May 2025

Grade Appeals Committee, August 2024 - May 2025

Baccalaureate Council, August 2024 - May 2025

Association for Computing Machinery, August 2025 - May 2026