

# William Block

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## PROFILE

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Passionate computer science enthusiast with three years of college education and hands-on experience with IT support and teaching STEM. Seeking an entry-level position to leverage problem-solving skills, technical expertise, and a continuous learning mindset within a collaborative team.

## EDUCATION - NORTHERN MICHIGAN UNIVERSITY

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Bachelor of Science in Computer Science | Minor in Mathematics  
Expected: Spring 2026 | GPA: 3.94

## RELATED COURSES

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### Computer Science

- Gained practical knowledge of software development lifecycle, requirements analysis, and prototyping for Software Engineering purposes.
- Engineered diverse programs in C++, Java, Python, and SQL, including a checkbook, a chess application, a maze solver, and a simulated hospital system, skillfully implementing recursion, data structures, and algorithms.
- Created a pulse width modulated fan temperature controller using AVR assembly, C, an Arduino, and a breadboard.

### Mathematics

- Gained a deep understanding of fundamental mathematical concepts, including limits, derivatives, integrals, series, and multivariable calculus.
- Developed essential problem-solving and analytical skills through logic and proofs, set theory, algorithms, and complexity.

## WORK EXPERIENCE

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### Instructor - iD Tech

March 2023 - August 2023 and May 2024 - Present

- Instructed and influenced hundreds of children aged 7-19 with Java coding.
- Led various projects in Java with students, from simple to complex ideas, encouraging creativity and problem-solving.

### Software Support - NMU Technology Support Services, Helpdesk

August 2024 - Present

- Reimaged laptops to OEM or NMU's custom image.
- Diagnosed hardware issues and provided software support.
- Assisted students and staff with troubleshooting operating systems, networks, and devices.

## SKILLS

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- Technical: Windows, Android, Mac | Hardware diagnostics and assembly | Software imaging and troubleshooting
- Programming Languages: Java, C, C++, Python, AVR Assembly, HTML, CSS.
- Development Tools: Git, Unit Testing, Debugging, OOP principles.
- Academic: Data Structures, Micro Computer Architecture, Calculus.