

Alex Miller

Ambitious and adaptable individual with strong communication and problem solving skills. Eager and ready to apply knowledge and skills towards complex challenges building software solutions.

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EXPERIENCE

Isle Royale Ferry Lines — Crew Member

May 2022 - August 2022, May 2024 - August 2024

Demonstrated strong communication and problem solving skills resolving conflicts and inquiries from passengers and crew members.

EDUCATION

Calumet High School, Calumet, MI

Sep 2015 - June 2018

Westwood High School, Ishpeming, MI — High School Diploma

Sep 2018 - June 2019

Northern Michigan University, Marquette, MI — Associate's of Science (General Education)

Graduated Dec 2024

Northern Michigan University, Marquette, MI — Bachelor's of Science (Major: Computer Science Minor: Mathematics)

Graduated May 2025

Relevant Coursework: Data Structures, Network Programming, Algorithms, Software Engineering, Cybersecurity.

PROJECTS

Capture The Flag — Cybersecurity Software

Technologies include: HTML, CSS, JavaScript, Node.js, Angular.js, Express.js, MySQL, TypeScript, Docker.

RNGeo — Google Play Game (Unavailable)

Technologies include: Unity 2D and C#

SKILLS

Programming Languages:

Java, C++, C, C#, JavaScript, Python

Web Development:

HTML, JavaScript, Typescript, CSS, Tailwindcss, Node.js, Express.js, Angular.js, React, Next.js, Vercel, Neon

Databases:

MySQL, SQLite, Prisma, Binary Trees, Linked Lists, Stacks, Queues

Tools:

GitHub, Agile, Waterfall, OOP, Dynamic Programming, SaaS, PaaS, Windows OS, Linux OS

Soft Skills:

Strong Communication, Teamwork, Solo work, Problem Solving.

AWARDS

2018 Michigan Governor's High School Cyber Challenge

Took part in a team to tackle cybersecurity challenges where we placed 9th in the state.