

Jakobi McFadden

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Education

Northern Illinois University, BS in Computer Science

August 2022 – May 2026

- GPA: 3.654 /4.0
- Coursework: Intro to Software Engineering, Data Structures and Algorithms, Intermediate Programming in C++ , Programming in Java, Databases, Computer Architecture and System Organization, Intro to Computer Programming in C++ , UNIX and Network Programming, Computer Programming In Assembler Language

Projects

DJ Karaoke Website

- Class group project for Databases course.
- Website made with PHP, SQL, JavaScript, and CSS.
- Emulated a web-based, database-driven tool to facilitate the running of karaoke events at a bar or other venue.
- Primary role involved dealing with SQL and ER Diagram of the site.

Product Catalog Website

- Class group project for Software Engineering course.
- Made with React + Vite, CSS, and SQLite.
- A car parts catalog site that included a credit card system as well as inventory information.
- Primary role included front-end development and use of ReactJs/JavaScript

Personal Website

- Personal solo project, made with React + Vite and Tailwind CSS.
- Portfolio site to display past projects and have contact information.

Skills

Technical Skills: C++ , Java, C, MySQL, HTML, CSS / Tailwind CSS, ReactJS, UNIX, PHP, IBM Assembler

Conceptual Skills: Web Development, Object-Oriented Programming, Responsive Design, Database Design and Querying

Interpersonal Skills: Timeliness, Attentiveness, Problem-Solving, Negotiation, Listening

Clubs/Organizations

NIU Honors Program

2022 – present

NIU Association of Computing Machinery

2023 – present

NIU National Society of Black Engineers

2025 – present