

# Jakobi McFadden

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## Education

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**Northern Illinois University**, BS in Computer Science  
*Software Development Emphasis*

Expected May 2026

- GPA: 3.636 /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

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### 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.
- Created a car parts catalog site that included a credit card system and 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.
- Created portfolio site to display past projects and have contact information.

## Skills

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

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

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

## Clubs/Organizations

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**NIU Honors Program**, Member

2022 – present

**NIU Association of Computing Machinery**, SIGWebDev Officer

2023 – present

**NIU National Society of Black Engineers**, Member

2025 – present