

# Meng Vue

Meng Vue • (651) 424-9089 • [LinkedIn](#) • [GitHub](#)

## SUMMARY

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### Software Developer

Driven software developer with hands-on experience in database design, content management systems, and collaborative team environments. Passionate about creating scalable solutions, enhancing user experiences, and driving innovation in software development.

## EDUCATION

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**Metropolitan State University | Saint Paul, MN**

**B.S. in Computer Science | GPA: 3.8/4.0**

**May 2025**

**Relevant Courses:** Computer Organization, Data Structures & Algorithms, Object-Oriented, Database Management

## TECHNICAL SKILLS

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**Programming Languages:** Java (Advanced), Python (Advanced), MySQL (Intermediate), C (Intermediate), PHP (Intermediate)

**Operating Systems:** Windows 7/8/10, MacOS

## RELEVANT EXPERIENCE

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**Software Curriculum Intern | Tech Academy | Saint Paul, MN**

**May 2024 - August 2024**

- Organized and conducted 15+ software programming, robotic designing, and game development curriculums in over 6 different locations in the Metro Area
- Designed and deployed 2D platforms mock games using Scratch and Construct 3, showcasing creative and technical skills.
- Mentor over 50 Introduction to Programming students, explaining challenging concepts to both Computer Science and non-technical majors

**Peer Computer Science Tutor | Metropolitan State University | Saint Paul, MN**

**August 2023 - May 2024**

- Implemented an extensible script in Python to automate project creation with static data on tests to improve pass rates and duration, ultimately speeding up software releases
- Improved exam performance with students by up to 200%
- Reviewed ticket requests of students and came up with strategies to efficiently utilize the timeframe of the session by up to 50%.
- Delivered 30+ personalized tutoring sessions, both virtually and in-person, to enhance students' understanding of computer science concepts.

## PROJECTS

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**Digital Content Dissemination Platform | Academic Project**

**December 2024**

- Collaborated with a team of 4 and developed a blogging platform for multi-role users, enabling seamless content creation and management with a dynamic **Javascript-based** front-end, a relational database that stores back-end application state, and an ORM layer to access data in the database
- Designed most of the front end & debugged **PHP**

**Interactive Gaming Data Hub | Academic Project**

**May 2024**

- Designed and implemented a **MySQL** database for a mock gaming platform, supporting game discovery, transactions, and installations.
- Generated multiple games for the user to traverse, enabling users to review and rate games, creating an interactive and user-driven experience.