

Isaac Stephens

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ABOUT ME

Junior in Computer Science with a minor in Mathematics and Computer Engineering, experienced in software development, database systems, and embedded design. Skilled in C/C++, Python, SQL, and data structures, with research and leadership experience. Holding and active Secret Clearance and seeking database engineering, embedded design, or software development opportunities.

EDUCATION

Missouri University of Science & Technology | Rolla, MO

May 2027

BS Computer Science (Junior)

3.3 GPA

Relevant Courses:

Data Structures

Algorithms

Database Systems

Operating Systems

Programing Languages & Translators

Digital Logic

Micro Embedded Design

TECHNICAL SKILLS

- Languages: C/C++, Python, Assembly
- Tools & Libraries: Git, Linux/Unix, SQL, OpenGL, ImGui, Vulkan

PROJECTS

Gym-Manager (*C++ / SQL / Database Systems*) [GitHub (W.I.P.)]

- Built a relational database and application to manage gym operations (members, staff, workouts, memberships).
- Implemented SQL queries for CRUD operations and reporting (e.g. expiring memberships, member activity history, gym leaderboards).
- Designed schema constraints and document workflows, ensuring data integrity and usability.

EXPERIENCE

Missouri Army National Guard | Various Locations

Jun 2020 – Present

Sergeant / Team Leader (July '23 – Pres)

- Active Secret Clearance (August 2020 – Present)
- Lead a team of 8 soldiers in planning and executing transport and surveillance missions, improving operational efficiency with minimal command oversight.
- Operated and maintained advanced surveillance systems and logistical operations, applying technical troubleshooting skills in real-world conditions.
- Entrusted with ensuring sensitive items worth over \$500,000 were maintained and accounted for with 100% success.

Undergraduate Research Assistant | Rolla, MO

May 2024 – Aug 2024

Critical Materials Laboratory Assistant

- Interdisciplinary work under metallurgical engineering graduate researchers.
- Responsibilities included regular maintenance and cleaning of laboratory and equipment, conducting and repeating experiments, and recording, analyzing, and reporting data to graduate supervisor.
- Skills learned include Laboratory Skills, Good Laboratory Practice, Chemical Safety.