

Zachariah Brincken

zackbrincken@gmail.com ❖ (217) 416-5519 ❖ Springfield, IL

EDUCATION

Southern Illinois University Edwardsville

Graduation: May 2026

BS, Computer Science

Edwardsville, IL

- 4.0 GPA
- On Fall 2023 – Fall 2024 SIUE Dean's lists

SKILLS

- **Languages:** HTML, CSS, JavaScript, PHP, SQL, C++, Python (Beginner), C (Beginner), MIPS Assembly.
- **Web Development:** Full-stack web development (MAMP, Apache, MySQL, PHP PDO, W3 CSS, JavaScript).
- **Tools & Frameworks:** Visual Studio Code, CLion, MAMP, W3 CSS, PHP: PDO.
- **Other:** Microsoft Office (Word, Excel, PowerPoint), Microsoft Access, 4 years of high school Spanish.

WORK EXPERIENCE

Chem-Care Carpet Cleaning Summer Job

Summer 2022

Carpet Cleaner

Springfield, IL

- Operated sizeable machinery such as carpet cleaning wands, portable carpet cleaning machines, and buffers in commercial buildings.
- Assisted my coworkers by refilling their machines, moving furniture, loading and readying equipment, and cleaning floor buffing pads.
- At this company, we had to assist our coworkers to keep operations running smoothly without interruption. This means I had to learn the habits/tendencies of my fellow employees to keep their equipment filled with water, loaded with pads, and unimpeded by furniture/wires.
- As a new employee at Chem-Care, I had to learn the ropes of cleaning carpet which meant being the slowest of the bunch. This put a lot of pressure on me at the end of the workday as the others waited for me to finish. To counteract this, I read/watched guides on operating the machinery outside of work and was able to more than double my speed by the end of the summer of my employment.

PROJECTS

Simple Dungeons & Dragons Character Creator

Spring Semester 2024

School Project

- A character creator built with C++ where the user may choose from 6 classes and allocate their stats how they wish or randomly based on their chosen class.
- This project required 6 classes which would have been tedious and redundant to fully implement individually. I made use of inheritance to significantly lighten the load of programming and improve code readability.

Full Stack Website with MAMP (FamousGuitars)

Fall Semester 2024

School Project

- A full-stack informational website about famous guitars and guitar players built with MAMP using Windows, Apache, MySQL, PHP as well PHP: PDO, HTML, JavaScript, and CSS along with the W3 framework.
- This website includes sign in and registration pages, hashed passwords with salt and pepper, user favorites, dynamic pages which interact with the MySQL database, comments, an admin page with full CRUD functionality only accessible to admin accounts, cookies, session variables, numerous tables with referential integrity using foreign keys, and limited access for guest users.