

## William Sierra

### Education

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University of Kansas – BS Computer Engineering, 2028 – 4.0 GPA

Warrensburg High School – Graduated 2024 - 3.84/4.19 GPA

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### Experience

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#### **Warrensburg R-VI School District – Level 1 I.T. Support Tech Internship**

Warrensburg, MO – September 2023 – May 2024

- Running ethernet cables
- Responding to various tickets
- Projector, printer, and screen setup
- Repairing & salvaging laptops

#### **Western Missouri Medical Center – Internet Services Internship**

Warrensburg, MO – December 2022 – May 2023

- Terminating network cables
  - Implementing network switches
  - Communication
  - Maintenance on facility hardware & software
  - Disassembling and reassembling computer hardware
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### Projects

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#### **\*Project Portfolio** (<https://github.sierr.net/>)

A website to display my resume, credentials, and projects

- Written in JavaScript using SvelteKit & TailwindCSS

#### **User Interface Library** (<https://github.com/Starvern/UltimateUserInterface>)

I designed an easy-to-use and expandable developer library and plugin for Spigot server environments.

- Written in Java
- File I/O with OOP implementation
- Uses the Spigot library to be a plugin for servers
- Custom events and handling
- Reactive UI elements (with placeholders & properties)

#### **Rust Authentication** (<https://github.com/Starvern/rust-auth>)

A backend REST API implementation of username & password accounts.

- Written in Rust using Rocket.rs
  - Password hashing and security
  - Backend state management with MongoDB
  - Authorization tokens granted after successful login (/auth endpoint)
  - User fetching with a given code (/me endpoint)
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### Awards & Certifications

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CompTIA TestOut PC Pro Certification

CompTIA TestOut Network Pro Certification

2024 Honor Roll – University of Kansas

2021, 2022, 2023, 2024 Academic Excellence at W.H.S.

SkillsUSA State Competition – Computer Programming 3<sup>rd</sup> Place – Apr. 2023

SkillsUSA District Competition – 1<sup>st</sup> Place in I.T. Services – Nov. 2023

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