

Adam Seals

(314) 303-8851 | Adam73Seals@proton.me | [Seals.li](https://seals.li)

Work Experience

Stauder Technologies | Software Engineering Intern..... Summer 2025

- Given a **real-world R&D Project**, to integrate the new Alticam device with existing systems
- Worked on Stauder Tech's **21-million-line C++ code base**
- Designed and implemented API functions for configuring and controlling the Alticam device
- Updated Android app with a video player and device controls utilizing our API
- Cross platform C++ development; Windows, Multiple versions of Linux, Android
- Java and C++ development on Android
- Invited to return to work for Stauder Tech. this winter

Read more about my experience at my website [Seals.li](https://seals.li)

Education

Missouri S&T | B.S. Computer Science..... Spring 2026

- Minor in Computer Engineering
- **Department GPA 3.8/4.0** | Cumulative GPA: 3.6/4.0
- Dean's list Fall 2023 – Fall 2025
- Relevant Coursework: Advanced Computer Networks, Real Time Systems, Basic PLCs, Parallel Programming & Algorithms, Circuits 1, Computer Organization and Design
- Theta Xi Fraternity Executive Board member - Scholarship Chairman
 - Lead a team of 4 members to organize study groups, rewards, and seminars
 - Created and implemented scholarship policy with the approval of all members

Personal Projects

Monitoring for Injection Molding Machines..... Summer 2024

- Coolant monitoring for industrial machines using C and C++
- Estimated **\$20,000 - \$25,000 in Savings**
- Embedded IoT / Industrial Automation / Server Development
- Multiple ESP32s collect data, coordinated by a custom server

Skills & abilities

- | | | |
|----------|----------------------------|-----------------------------|
| • C++ | • Linux | • Network Programming |
| • Python | • Android App Development | • Multithreaded Programming |
| • C | • STM32 Cube Ecosystem | • TCP/IP Applications |
| • CMake | • ESP32 ESP-IDF Ecosystem | • UDP Applications |
| • Java | • Bare Metal C on AVR MCUs | • Leadership Experience |
| • Git | • RTOS | |