

AIDEN SANDERS

SOFTWARE ENGINEER

385-315-6992

aidensandersbiz@gmail.com

github.com/asanders005

[linkedin.com/in/asanders005](https://www.linkedin.com/in/asanders005)

West Jordan, UT, 84081

SKILLS

- Full-Stack Development
- Embedded Development
- Multi-Platform Development
- AI-Assisted Development
- Analytical Thinking
- Interpersonal Collaboration

LANGUAGES

- C/C++
- C#
- Java
- Python
- JavaScript
- TypeScript
- SQL

PROFILE

I am a graduating software engineer with full-stack experience delivering real-world applications—from embedded firmware to scalable backend services. I have led development on core features and APIs, helping bring products from concept to functional deployment, with a focus on clean architecture and practical problem-solving.

EXPERIENCE

Academic Coach

Neumont University – Salt Lake City, UT

Jun 2024 – Present

- Provided one-on-one and small-group tutoring in C++, C#, and Java, improving student comprehension and coding proficiency.
- Instructed students on key software engineering principles, including OOP, program architecture, and effective problem-solving techniques.
- Evaluated and graded programming assignments, delivering detailed feedback to improve code quality and design.
- Mentored students in debugging strategies and logical thinking, fostering independent critical thinking skills.

Embedded Systems Engineer – Intern

PingPass – Salt Lake City, UT

Mar 2026 – Present

- Prototyped and tested hardware designs, verifying electrical flow and overall system functionality.
- Designed production-ready PCB layouts in EasyEDA, optimizing for manufacturability and component integration.
- Developed embedded firmware on ESP32 systems for scheduled audio playback using I2S and UART.

Software Engineer – Intern

FinTech Startup – Remote

Jan 2026 – Mar 2026

- Contributed to the initial design and architecture of a cross-platform financial assistance application.
- Developed core features using .NET MAUI, supporting Windows, Android, macOS, and iOS from a shared codebase.
- Designed and implemented the primary REST API using .NET, enabling secure communication between the mobile app and backend services.
- Deployed and maintained API services on Microsoft Azure.
- Collaborated on database schema design and backend integration, ensuring reliable data flow between the database and application.

EDUCATION

BS – Software Engineering & Game Development

Neumont University – Salt Lake City, UT

Oct 2023 – Sep 2026

- 4.0 GPA