

# Zaden Connell

828-773-9695 | me@zadenconnell.com | zadenconnell.com | linkedin.com/in/zaden-connell | github.com/PostGuitarist

## EDUCATION

### Liberty University: B.S Software Engineering, Business Minor

Lynchburg, VA

*\*Liberty University is accredited by the Computing Accreditation Commission of ABET*

Aug. 2021 – May 2025

- 3.82 GPA, Dean's List
- Resident Assistant, Competitive Programming Club, Cyber Defense Club

## EXPERIENCE

### AI Developer & Advisor

August 2024 - Present

*Liberty Analytical Support Initiative*

Lynchburg, VA

- Presented a custom **trained AI chat-bot** to **NATO** in Rome, Italy.
- Led the development of a **AI chat bot** that equipped international security force advisors with the knowledge and skills to enhance cultural competency.
- Created training materials and recommendations for **AI implementation** in international security force assistance.
- Analyzed current **NATO SFA** training programs and recommended **AI integration strategies**.

### Full Stack Developer

June 2024 - Present

*SwiftSeg*

Remote

- Developed and maintained **scalable, responsive web applications** using **Next.js**, enhancing user experience and reducing page load times by **40%**.
- Integrated **Supabase** as a backend and database solution for real-time data management, authentication, and storage, streamlining development.
- Contributed to **Agile Kanban** workflows, improving team efficiency and workflow through effective communication.

### Software Development Intern

Summer 2023

*Samaritan's Purse*

Boone, NC

- Oversaw the launch of a significant ministry application
- Independently developed and deployed **14 feature releases and bug fixes** for an internal-facing CRM application, which serves hundreds of users
- Implemented UI and backend features using **Angular Typescript and C#** to ensure validity and enhance UX
- Designed and implemented account data validator that accurately flagged **over 500k** accounts
  - \* Increased data validator load and running efficiency by over **4x** times

## PROJECTS

### Availi | *Next.js, PostgreSQL*

2025

- Developed a meeting scheduler using **Next.js and PostgreSQL**

### Multithreaded Game of Life | *C++*

2024

- Developed a **multi-threaded** implementation of Conway's Game of Life in **C++** using **pthreads**

### VSCode to Visual Studio Extension | *Typescript, VSCode API*

2024

- Developed a VSCode extension using **Typescript**
- Implemented functionality to convert **C++** projects in VSCode to work in Visual Studio
- Successfully published on the Visual Studio Marketplace with **1.1k+ active users**

### LU CS Docs | *Next.js, Typescript, MDX*

2024

- Developed a documentation website for using a macOS device in Liberty University's Computer Science classes

## TECHNICAL SKILLS

**Languages:** C/C++, C#, Python, SQL, JavaScript, Typescript, HTML/CSS

**Frameworks:** React.JS, Next.js, Node.js, Angular, Astro, TailwindCSS/UI

**Developer Tools:** Git, Docker, VSCode, Visual Studio

**Software Development:** Agile (SCRUM), Jira, Continuous Integration/Deployment, Test-Driven Development, Frontend, Backend