

# Zaden Connell

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## 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

- 3.89 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

- Led advisory sessions on **AI strategy, implementation, and ethical considerations**, enhancing organizational decision-making processes
- Evaluated emerging **AI tools and technologies** to provide actionable insights, ensuring the adoption of cutting-edge solutions aligned with organization goals
- Conducted workshops and training programs to upskill teams on **AI technologies and methodologies**

### 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

### Information Technology & Audio/Visual Intern

November 2021 – August 2023

*Mt. Vernon Baptist Church*

Boone, NC

- Implemented a **.NET** script to start and stop YouTube live streams at specified times
- Lead intern to Technology and A/V Directory
  - \* Managed a volunteer base of **10+ people**, including training, scheduling, and support during services
  - \* Created, planned, and executed technology site-wide during services

## PROJECTS

### 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 **600+ 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, PHP

**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