

Jeffrey Vandever

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EDUCATION

B.S. Computer Science: Software Engineering | Web and Mobile Programming

Liberty University (Double Cognate)

Lynchburg, VA

Expected May 2027

- Cumulative GPA: 3.91 /4.0; Dean's List all semesters; *Bulk Completed by May 2026*
- Activities: Competitive Programming Club, Student Association of Project Management Club, Marching Band
- Relevant Coursework: Data Structures and Algorithms in C++, Computer Architecture, Linux Systems

B.S. Business Administration & Data Analysis: Project Management

Liberty University

Lynchburg, VA

Expected May 2027

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, JavaScript, PHP

Cloud Services: AWS (S3, Node.js SDK, EC2), Google Cloud (Vertex AI, Gemini, Tag Manager, DialogFlow, Logging)

Web Development: HTML/CSS, XML, JSON, Webpack, React, Node.js, Strapi.js

Databases & Tools: SQL, MySQL, NoSQL, Git, WordPress, Microsoft Office Suite

Projects: TWR360 RSS Podcast Content Delivery System, TWR360 Generative AI Chatbot, S.E.R. Club Website, JPMorgan Software Engineering Virtual Experience

WORK EXPERIENCE

Full Stack Developer Intern

Trans World Radio

Cary, NC

May 2024 – Aug 2024

- Researched, designed, developed, and integrated a generative LLM AI assistant for thousands of users through a first-of-its-kind custom-designed API with Google Generative AI.
- Refactored and redesigned front-end and back-end elements on pages such as the main resources page and a partner's outreach page using Google Cloud services, Strapi.js, a proprietary backend system, and JavaScript.
- Provided Technical Support and guidance for an Olympics outreach campaign.

Information Technology Intern

Lavner Education

Cherry Hill, NJ

Jun 2023 – Aug 2023

- Streamlined computer hardware and software setup and maintenance processes, optimizing inventory management, and ensuring seamless program and device operations.
- Collaborated with nine interns to teach beginner technology concepts to students aged 6-14, facilitating a fun, safe, and engaging environment for the ~50 students the company hosted.

ACTIVITIES

Officer of Technology & Operations

Liberty University Software Development Club

Lynchburg, VA

Aug 2024 – Present

- Coordinated the creation of 3 cross-functional software development teams for the club, ensuring that each team has a clear project management methodology, goals, and expectations.
- Led collaboration outreach campaigns across the university to develop pathways for new project ideas from other clubs to enter the club development teams.
- Coordinated club relations with Liberty's Student Government Association (SGA) ensuring effective club operations, recognition, and outreach across the university.

Software Project Manager

Liberty University Software Development Club

Lynchburg, VA

Feb 2024 – Present

- Led a team of 10 members utilizing V-shaped methodologies to develop a podcast content delivery system based on the contents of the organization's internal database, cutting down content delivery process time by 50%.
- Coordinated 4 project roles and responsibilities based on the competency of each project member.
- Co-led the development of a mock club website using Tailwind with DaisyUI with a team of club members.