

JEFFREY WOODS

Technologies

- Go
- C
- Python
- GPT-4o
- HTML/CSS
- JavaScript
- PostgreSQL
- Linux
- Azure

EXPERIENCE

Student Developer, Utah Valley University — 2023 - Present

- Building greenfield AI-powered tutor for undergraduate students
- Trained on and integrated with Learning Management System (Canvas)
- Prompt-engineered for adept tutoring skills and jailbreak protection

Software Engineering Intern, Breeze Airways — 2022

- Reactive programming in Angular with NgRx for airport applications
- Tooling in React that persists information for pilots after losing internet

Full Stack Intern, Arivo — 2021

- Backend developer for FinTech app in the auto industry
- Improved UX and front end logic primarily in Vue.js
- Eliminated bugs and added new logic to Golang backend

LIVE PROJECTS

<https://dash.jwoods.dev>

- Pure Go, Progressive Web App optimized for native feel on mobile
- Live player count, interactive world map, custom music discs in Minecraft
- Session-based authentication, PostgreSQL database, static asset caching

Minecraft Server

- Performance-optimized server jar (PaperMC), Java/Bedrock cross-play
- Interactive world map, custom music selection, REST API for server metrics
- Deployed to Ampere VM (24 GB) in Oracle Cloud with Ubuntu Server 22.04

EDUCATION

Utah Valley University — BS, Computer Science - 2025
GPA: 3.96