

SAM VADER

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EDUCATION

Trinity University

Bachelor of Science in Computer Science (Major GPA: 3.85)

- Minors in Art and Philosophy

San Antonio, Texas

May 2026 (anticipated)

RELEVANT EXPERIENCE

DefectDojo

Software Engineering Intern · Internship

Remote

September 2023 – Current

- Developed quality engineering tools and automation.
- Designed and implemented customer-facing API integration between DefectDojo and external vendors ("connectors").
- Authored Go tools for testing and automating the setup of DefectDojo instances.

Trinity University IT Services

Technical Support Analyst · Part-time

San Antonio, Texas

Oct 2022 – May 2023

- Assisted in troubleshooting and repairing the university's computer systems (networks, lab machines, software, etc.) for faculty, students, etc.

PROJECTS

Social Circles

- Developed a full-stack web game in a team using Express, MySQL, Tailwind, and EJS.

March 2025

Piet_Tool

- Created an Interpreter and Forth translator for the esoteric, image-based programming language "Piet".

July 2024

Sandbox

- Created a Noita-like elemental particle game where users can interact with different types of elemental particles in real-time and see their interactions. Runs locally or in-browser using WebAssembly.

October 2023

INVOLVEMENT

Wellness Services - Naloxone Program Coordinator / Peer Health Educator

- Created and oversaw the university's first ever approved harm reduction curriculum and Narcan distribution program. Organized and led large-scale trainings over drug/alcohol harm reduction, overdose response, sexual respect, and mental health.

Greek Executive Council - Risk Management / Judicial Chair — Kappa Kappa Delta Fraternity

Bullet Journal Club - President

The Trinity Review - Contributor (Photography)

SKILLS

Programming Languages: Java, Go, Haskell, Python, Rust, C++, Julia, HTML, CSS,

Technologies: Gradle, Git, GitHub, Cargo, Make, XC, Linux, MySQL, Docker