Aidan Feess

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EDUCATION

Louisiana Tech University   May 2027 (Expected)

Bachelor of Science, Computer Science

PROFESSIONAL EXPERIENCE

Invictus International Consulting   Jun. 2024 - Jan. 2025

Software Engineer Intern   *Alexandria, Virginia*

- Created real-world software solutions for the company and US Govt., worth over $250,000.
- Leveraged programming skills in Go and Python to create backend services for software with AI integration.
- Developed efficient RAG solution enabling trained AI model to produce more consistent results.
- Used AWS CodeCommit, S3 Buckets, and EC2 instances for testing and implementation of software.

PROJECTS

Wireguard Discord Bot (NATMAN)   May 2024 - Present

Lead Developer   *Ruston, Louisiana*

- Worked with a VyOS router and WireGuard to allow remote VPN access into an internal club network.
- Used Python to create a discord bot that automatically generated tiered Wireguard configurations for club members.

Networking Scoring Tool (NEST)   Dec. 2023 - Present

Project Manager, Lead Backend Developer   *Ruston, Louisiana*

- Designed and diagrammed all systems for entire project in Eraser, including Frontend, Middleware, and Backend.
- Established documentation for the project and rules alongside a CI/CD pipeline with GitHub and GitLab.
- Developed backend RESTful API in Rust and used Go for interaction with services like SSH, PostgreSQL, and more.
- Used Terraform and Ansible to dynamically create and configure entire networks on OpenNebula.
- Lead a group of 15 developers separated into four teams, guiding them towards my vision for the software.

EXTRACURRICULARS

Louisiana Tech Cyber Security Club (CSEC)   September 2023 - Present

Officer, Public Relations and Outreach   *Ruston, Louisiana*

- Expanded on existing infrastructure including setting up a server rack of Proxmox servers, DNS, and WireGuard.
- Advertised the club to over 2,400 students, lead hands-on general labs and practices for competitions.

Cyber Security Competitions

- South West Collegiate Cyber Defense Competition Regionals (SWCCDC)   March 2025
- South West Collegiate Cyber Defense Competition Qualifiers Top 8 (SWCCDC)   February 2025
- Western Region Collegiate Cyber Defense Competition Invitational (WRCCDC)   October 2024
- National Security Agency NCAE Cyber Games   February 2024

SKILLS

Programming	C, C++, Java, Go, Rust, Python, SQL, PowerShell
Backend Development	Docker, Docker-Compose, Flask, Git, GitHub, GitLab, NGINX
Infrastructure & Cloud	AWS (EC2, S3, CodeCommit), Terraform, Ansible, OpenNebula
Databases	MySQL, MariaDB, PostgreSQL
Project Management	Agile Methodologies, Jira, Microsoft Planner, Leadership, Communication

CREDENTIALS

- Secret-Level Security Clearance