

AIDAN FEESS

aidanfeess@gmail.com ◇ 678-373-2182 ◇ GitHub: AidanFeess ◇ LinkedIn: aidanfeess

EDUCATION

Louisiana Tech University

Bachelor of Science, Computer Science

May 2027 (Expected)

PROFESSIONAL EXPERIENCE

Invictus International Consulting

Software Engineer Intern

June 2024 - January 2025

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 update and create APIs for software with AI integration.
- Developed and implemented RAG solution, enabling AI model to produce accurate responses more than 95% of time.
- Used AWS CodeCommit, S3 Buckets, and EC2 instances for testing and implementation of software.

PROJECTS

On-boarding Discord Bot (NATMAN)

Lead Developer

May 2024 - Present

Ruston, Louisiana

- Worked with a VyOS router and WireGuard to allow remote VPN access into an internal club network.
- Created a discord bot written in Python, allowing club members to generate their own configurations, decreasing on-boarding time by 96% from 2 minutes to 5 seconds.
- Integrated discord bot with LDAP to create users on Proxmox servers with specified privileges, enabling quick access to club infrastructure.

Networking Scoring Tool (NEST)

Project Manager, Lead Backend Developer

December 2023 - Present

Ruston, Louisiana

- Designed and diagrammed Frontend, Middleware, Backend, and Scoring systems for ease of expansion and implementation.
- Developed RESTful API in Rust for the backend as well as the scoring engine written in Go designed to query services like SSH, PostgreSQL, FTP, and more.
- Established detailed documentation for the project, including strict rules for writing secure, efficient, and clean code.
- Utilized Terraform and Ansible to dynamically create and configure networks, increasing club productivity by decreasing time to create labs by over 75%.
- Lead a group of 15 developers separated into 4 teams, guiding them towards a unified vision for the software.

EXTRACURRICULARS

Louisiana Tech Cyber Security Club (CSEC)

Officer, Public Relations and Outreach

September 2023 - Present

Ruston, Louisiana

- Expanded on existing infrastructure by adding 7 new Proxmox servers, 1 VyOS router with Wireguard, and numerous services like Wiki.js and Bind9 DNS on Linux virtual machines.
- 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

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