

# AIDAN FEESS

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## 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 the 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