AIDEN MADAFFRI

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SKILLS

TOOLS AND TECHNOLOGIES: Linux, Docker, Virtualization (KVM), Git, Networking, NGINX, Web APIs
PROGRAMMING LANGUAGES: Java, C#, Python, Bash, HTML, CSS, JavaScript
FRAMEWORKS AND DATABASES: Django, ASP.NET, Windows Forms, WPF, SQL

PERSONAL PROJECTS

GameRecs (Python)   June 2020 - Present
- Developed a Django web application where users can browse and submit entries to a list of ranked game recommendations.
- Interfaced with a public web API to automatically retrieve and update game information.
- Constructed SQLite database with complex relationships between games, genres, and rankings.

Technology Blog   July 2020 – Present
- Wrote a technical blog discussing the effects on technology on our everyday lives.
- Urged readers to consider new technologies to enhance their workflows and productivity.
- aidenmadaffri.com/posts/

Self-hosted Server Infrastructure   May 2018 – Present
- Built and maintained multiple servers, computers, and Raspberry Pi's to automated and host many applications.
- Ran Proxmox to virtualize many operating systems, performing tasks like running Docker, web applications on NGINX, centralized audio servers, and daily workstations.
- Served as a Network Attached Storage (NAS) for all devices on my home network.

CERTIFICATIONS

CompTIA Security+   January 2021
CompTIA Network+   November 2020
CompTIA A+   October 2020

EDUCATION

Memorial High School   August 2019 – May 2023
Houston, Texas   GPA: 4.0
- AP Computer Science.
- National Computer Science Honor Society and Coding Club.
- Varsity Swim Team involved in 12-20 hours / week of intensive training.
- Serving in a leadership role for Varsity Choir to plan and organize events.