Thomas A. McElroy

1226 Lexington Avenue

Charlotte, NC

704-591-5793

tommy.a.mcelroy@gmail.com

Objective: Seeking a tech related job for the summer

Highlights of Qualifications:

- Built, repaired, and upgraded a number of desktop computers and laptops.
- Currently operate my own home server, hosting a number of services for friends and family.
- Proficient in Python, Java and Bash.
- Passionate, enthusiastic, and love to help others.

Skills / Experience With Tech

Hardware

- Built my own desktop gaming computer, which I now use as a home server
- Have upgraded the display on my Lenovo Thinkpad x280
- Have upgraded the display, and replaced the power jack on my Lenovo Thinkpad x220
- Have installed new Hard Drives, SSDs, and RAM in various friends' computers, and my own older computers.

Home Server

- Have operated a home server for the last 2 years, running the following services for myself and my family: Jellyfin (Media Server), Kasm Workspaces (Remote Access), Immich (Google Photos Replacement), VNC (Remote Access), SSH (Terminal based Remote Access), Paperless (Document Manager), OpenConnect (VPN Solution), Navidrome (Music Server), Vaultwarden (Password Manager), Quartz (Static Site Generator for Markdown), MacOS VM running BlueBubbles and the sh-imessage bridge (IMessage to Android bridge), Authentik (Authentication Solution)
- Current specs are:
    - AMD Ryzen 5 2600x
    - GTX 1070TI
    - 32 GB of DDR4 RAM
    - Running Debian Server
- Server was upgraded to the 32GB of ram after I stopped using it as a gaming computer and needed more resources.

Operating System Knowledge

- Was a windows power user for around 5 years. Created an environment I enjoyed – using FancyWM as my tiling window manager, and yasb as my status bar. Am aware of and have used most windows power user tools. For example: powertoys, sysinternals utilities, the registry, etc.
- Am currently running Linux on most of my devices, and am very comfortable navigating a terminal, and using GNU Coreutils. Am also knowledgeable on many of the nicher Linux distros, having spent lots of time on Arch, and having recently migrated one of my main devices to NixOS.
- My Main phone is a Rooted Google Pixel 6. I would consider myself a power user on Android as well. I know how to do just about anything a person could realistically want to do on Android.

- I also have an iPhone 13, which is jailbroken, on iOS 16.2, using Dopamine. It is not as enjoyable an experience for me, but I used it as my main phone for multiple years. I am aware of a grand majority of Apple features, and will be able to help people with iOS or iPadOS devices just fine.

Programming Knowledge

- Have taken a Myers Park High School class on Python Programming, and have used it for every major personal project I have done since then.
- Have automated large sections of my server, and laptop workflows with bash scripting
- Have taken the following programming related classes:
    - Python Programming at Myers Park High School (Ended with an F1 Grade of 96)
    - AP Computer Science principles at Myers Park High School (Ended with an F1 Grade of 96)
    - AP Computer Science A at Myers Park High School (Ended with an F1 Grade of 97, and a 5 on the AP Exam)
    - CTI 110 Web, Programming, and Database Foundations (Ended with an 95)
- Have plenty of debugging knowledge related to this. As a result, I know how to effectively solve tech related problems, quickly and efficiently.

Passionate

- Enjoy helping others with tech related problems, frequently help my church with Tech related issues, and advised them on their setup for livestreaming their services. Am also go-to tech support for my friends and family.
- Spend most of my free time looking at tech related new developments, and getting genuinely excited by them.

Education

- Myers Park High School Student, Class of 2025
- Dual Enrolled at Central Piedmont Community College