Alexander Weir

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Education
- Dual-Enrolled student in High School and Community College for the 2023-2024 school year
- Currently enrolled in Central Piedmont Community College
- Member of Phi Theta Kappa Honor Society and named to the CPCC President's List
- Completed program classes include SolidWorks and Manufacturing Processes

Certifications
- CompTIA A+, Network+, and Security+
- Microsoft 365 Fundamentals, Azure Fundamentals, and Office Associate

Skills
- Basic programming knowledge in Java, Python, C#, and JavaScript
- Experience working in Windows, macOS, and Linux
- Basic bash, batch, and PowerShell scripting skills
- Basic understanding of regular expressions
- Some experience working with virtual machines in VirtualBox and VMware
- Some experience designing SolidWorks parts including drafting
- Some experience working with Microsoft 365

Work Experience
- Cabinetmaker's Apprentice at Old School Joinery | Summer 2021 – Present
- Facilities Maintenance at Christ Covenant Church | January 2024 – Present

Personal Projects
- Built custom PC to run CAD software
- Replaced home router with PC running OPNsense
- Ran a Minecraft server and web server for students at an online school, using a Microsoft Azure Virtual Machine, Apache HTTP Server, and Drupal CMS, as well as regular expressions and bash scripting for log organization and Google Sheets and Forms for user tracking and data visualization
- Set up home lab with HTTP, FTP, Samba, and SSH servers on Ubuntu Linux

Achievements
- Reached the grade of Cadet Chief Master Sergeant in the Civil Air Patrol
  - Held position of Flight Sergeant, leading a team of lower ranking cadets through the Cadet Program
  - Held position of First Sergeant, leading and mentoring the squadron's Flight Sergeants
  - Team reached first in North Carolina in the CyberPatriot XII cybersecurity competition