

Andrew Houser

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EDUCATION

BlueSky TN Institute / East Tennessee State University, Chattanooga **2025**

Bachelor of Science, Computing, 3.9 Current GPA

Relevant course work: Intro to Comp. Science I & II, PC Maintenance, Math for CS, Database Fundamentals, Web Development

Volkswagen Mech. Academy / Chatt. State / Ooltewah High School, Chattanooga **2022**

Dual Enrollment, Mechatronics Technology, 3.6 GPA

Relevant course work: Computer Science Principles, Programming & Logic, Microsoft for Engineers, Math for Engineers

EXTRACURRICULAR

Boy Scouts of America, Pack 3077/Troop 254 **2010-2021**

- Achieved the rank of Life Scout
- Gained leadership experience as patrol leader and assistant senior patrol leader.
- Learned computer skills as troop webmaster and through completion of computer science related merit badges.

Designed Website for Non-Profit, ETSU, Essentials of Web Development **2023**

- Lead developer of 5-person team using HTML, CSS, and JavaScript to design and develop a website for a non-profit charitable organization.
- Managed technical aspects of project, such as choosing technologies, reviewing code, and implementing features.
- Gained knowledge on tools such as Git and GitHub to manage collaborative, team programming.

SKILLS

Operating Systems: Extremely proficient in installation and operation of Windows and Linux. Experience with using Shell/Bash scripting to automate OS tasks.

Systems Administration: Extremely proficient with virtualization tools such as Proxmox, VirtualBox, VMWare, Docker, Linux containers (LXC), and more. Experienced in running high-availability multi-node systems with in-depth networking using VLANs, firewalls, DNS servers, and switches.

Programming languages: Six years of experience with HTML, CSS, JavaScript, TypeScript, PHP, C#, and SQL, with a focus on backend web development. Familiar with different front and back-end frameworks including Vue.js, Express.js, Node.js, React, SvelteKit, and .NET Blazor.

Software: Experience with Microsoft 365 administration, MS Office suite, Git, GitHub, VSCode, Visual Studio, IntelliJ IDEA, JetBrains DataGrip, Microsoft SQL Server and MS SQL Server Management Studio.

Computer Hardware: Proficient in building, maintenance, and repair of both consumer and enterprise desktop, laptop, and server computer hardware.