

# Gavin Picard

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## EDUCATION

<b>University of Tennessee, Knoxville</b> <i>Bachelor of Science in Computer Science, Minor in Business Administration</i>	<b>May 2026</b> Knoxville, TN
▪ <b>GPA:</b> 3.45 /4.0	

## EXPERIENCE

<b>Cisco</b> <i>Project Specialist, Data Privacy Incident Response</i>	<b>May 2025 – August 2025</b> Knoxville, TN
▪ Audited and standardized 500+ data privacy incidents, correcting categorization and improving accuracy ▪ Built an interactive Tableau dashboard visualizing exfiltration patterns, directly contributing to policy changes (including USB device restrictions). ▪ Investigated potential threats, analyzing logs, case evidence, and risk indicators to support response actions. ▪ Developed and documented workflows to improve case intake efficiency and streamline privacy incident handling.	

## PROJECTS

<b>Volcraft</b> <i>Founder &amp; Lead Developer</i>	<b>March 2023 – Present</b> Knoxville, TN
▪ Engineered and maintain a multi-server Minecraft network for UTK students, running on a custom-built server with a Proxmox hypervisor and two Debian VMs. ▪ Developed custom plugins in Java to enhance gameplay and server functionality, integrating community requested features and optimizing performance. ▪ Lead an 8-member staff team and manage a 1,000+ member Discord community, handling moderation, communication, and events. ▪ Deployed MySQL and Redis databases to efficiently manage and synchronize player data across servers ▪ Implemented an online donation system and integrated it with server permissions, increasing operational funding and enabling infrastructure growth.	

<b>Albumi</b> <i>Developer</i>	<b>August 2024 – December 2024</b> Knoxville, TN
▪ Developed an album review social media platform using React and Firebase, enabling users to create profiles, rate albums, and post reviews. ▪ Integrated the Spotify API to fetch album metadata and display detailed album pages. ▪ Collaborating on project development using Git and GitHub, applying version control best practices to track progress and manage feature branches.	

## OTHER PROJECTS

- **gavinlpicard.com** – Personal site featuring custom SQL-backed blog system and in-browser Markdown editor for publishing.
- **Voxel Engine** – C# + Raylib voxel engine with custom chunk meshing, dynamic lighting, and Lua scripting support.
- **Informatics** – C + ncurses multi-pane terminal dashboard with 3D →ASCII renderer and widget-based API integrations.

## SKILLS

- **Programming:** C/C++, C#, Java, React, JavaScript, HTML/CSS, SQL, Python
- **Technologies:** Git/GitHub, Nginx, Linux, Docker, AWS (EC2, S3), Firebase, Redis