Morgan Barabanov

Toronto, ON
morgan.barabanov@icloud.com — 437-907-7474 — morgan.ampersand.pm

Education

George Brown College — Diploma to Degree Program, General Arts and Science, 2024 – 2026
University of Toronto — Conditional Acceptance to the Faculty of Arts and Science.

Highlights

→ CS student and hands-on system administrator with practical experience in networking, Windows/Linux server management, and remote support.
→ Adept with graphic and web design tools: portfolio at: morgan.ampersand.pm
→ Values clear communication, meticulous documentation, and creative troubleshooting.
→ Very comfortable learning new tooling quickly and working through problems end-to-end.

Experience

Makerspace 3D Printing Steward, Toronto — 2025–Present

→ Volunteer at a local maker-space, the Site 3 coLaboratory, where I maintain and document the FDM 3D Printers.
    ↳ This work requires a working understanding of mechanics, electronics, and materials science to effectively apply additive manufacturing.
    ↳ It requires attention to detail, patience, and learning, with machines that historically have poor online documentation, making experience key.
→ Instruct and certify members on procedure to use the tools safely and effectively.
→ Collect and prioritize bug reports/usability feedback; implement fixes and documentation updates.
→ Use office tools like Notion to write and maintain digital documentation.
→ Use design tools like Figma and Affinity Designer to create paper documentation.
→ Collect and take action on bug reports and usability concerns.

Community Nonprofit Involvement, New York City — 2022–2024

→ I upgraded and maintained the local server labs for a ~40-person non-profit community organization. I migrated and maintained machines for two separate purposes.
→ Set up a Debian Linux machine for tax and financial information storage with an inline network attached storage (NAS) system.
    ↳ Configured Timeshift to back up financial information.
    ↳ Configured single-sign-on authentication via Google Workspace and OAuth.
→ Migrated a previously non-functional multimedia control system to Windows LTSC.
    ↳ Gained familiarity with audio-video drivers and their idiosyncrasies in Windows.
    ↳ Allowed non-technical users to operate the system.
→ Coordinated directly with stakeholders of varied technical proficiency to adjudicate technical implementations, communicating technical concepts clearly and effectively.

Newswire Publication (Contract), London / NYC / Remote — 2023

→ Produced a long-form report mapping relationships among political/state actors across regions. Published in a handful of internal UK think tank newswires.

- ↪ Built visual artifacts (timelines, entity diagrams, link graphs) to communicate complex relationships.
- ↪ Worked with contracted staff and resident staff, using open source intelligence tools, the Bellingcat shadow-location system, the OSMSearch street photo analysis tool, to aggregate and display data in an Obsidian database.
- → Utilized office tools like Word and Excel to ingest complex relational data into the appropriate data structures: Obsidian, graph-based.
- → Worked with peers of a variety of technical or reportage knowledge to bridge the gap between the technical and conceptual documentation work.

Skills

- → Systems & Networking: Windows administration: user/session troubleshooting, services/process analysis, event log review, remote assistance.
- → Linux fundamentals: SSH, file system navigation, logs, system services, basic networking tools (ping, nmap, dig).
- → Networking: LAN/WAN basics, DHCP/DNS, VLAN/subnetting concepts, NAT/firewall fundamentals, cabling/physical layer triage.
- → Remote tools: Windows Remote Desktop, PuTTY/SSH.
- → Hardware awareness: PC components, peripherals, display/video distribution basics.
- → Communication: concise phone support; translating technical steps into actionable guidance for non-technical users.
- → Tools and Technology: Windows, Linux, TeamViewer, PuTTY/SSH, Bash/Shell, Git/GitHub, MS Office (Excel, Word), advanced Illustrator/Figma/Canva for documentation and diagrams.