

SPENCER BARNES

Edmonton, AB | Open to relocation and remote work | spencerbrbarnes.com
linkedin.com/in/spencer-barnes-49a59389 | eupelago.com

PROFESSIONAL SUMMARY

CompTIA A+ certified candidate for help desk, desktop support, and junior NOC roles. Hands-on Windows troubleshooting, system recovery, SOHO networking, VPN, and remote support. Directs and tests AI-assisted technical projects, with experience investigating failures and documenting results. International teaching experience brings patient user support and clear explanations of complex material.

CERTIFICATIONS

CompTIA A+, Dec 2024 | Google Cybersecurity Professional Certificate, Dec 2023 | Network+ in progress

TECHNICAL SKILLS

Systems and support: Windows 10/11; hardware/software troubleshooting; OS installation and recovery; dual boot; Ubuntu; Android/Termux; RDP

Networking: TCP/IP; DNS/DHCP; Wi-Fi; SOHO routers; Asuswrt-Merlin; VPN configuration; SSH/PuTTY; port forwarding

AI tool skills: Ollama/local LLMs; AI-assisted coding and debugging; local model evaluation; Python workflows; Git checkpoints; log review

Security foundations: Linux, SQL, basic Python, and SIEM/IDS coursework; project experience with access checks, private storage, and input validation

User communication: Microsoft Office; Google Workspace; remote troubleshooting; written guidance; conversational Mandarin

TECHNICAL PROJECTS

- **Networking home lab:** Configured an ASUS AX6000 with Asuswrt-Merlin, router-level VPN, and SSH/PuTTY; troubleshot connectivity across Windows, Android, and VR devices.
- **Windows recovery and remote support:** Used Ubuntu to repair partitions after a failed resize, reinstalled Windows, and restored dual boot. Provided informal remote help with RDP, GPU drivers, software installs, Wi-Fi, and VPN issues.
- **Eupelago | AI-assisted web prototype | 2026:** Directed development and review of a React/TypeScript community and portfolio prototype using Cloudflare D1/R2. Defined private file storage, recoverable accounts, and access rules; reviewed validation tests and documented remaining release limits.
- **Local AI troubleshooting | 2026:** Investigated an Ollama GPU startup failure using logs and a minimal reproduction; tested a CPU fallback. Reviewed model output for factual errors and documented why valid JSON was insufficient for automatic publishing.
- **Hope in Movement | 2026:** Designed and playtested a Godot movement prototype using AI-assisted implementation; reported defects, compared candidates, and maintained recoverable checkpoints and test notes.

PROFESSIONAL EXPERIENCE

ELA Teacher | WeiDong Education | Guangzhou, China | 2023 - Jun 2024

- Taught grades 7-12 ELA using U.S. Common Core and Australian SACE curricula; adapted complex material for ESL learners and provided clear written feedback.
- Prepared work samples for twice-yearly SACE external review under tight deadlines; introduced responsible AI writing tools while maintaining academic standards.

ELA Teacher | QSI International | Shenzhen, China | 2022 - 2023

- Delivered Grade 5 ELA and Intensive English support; managed planning, grading, parent communication, and daily classroom operations.

English Teacher | Foshan Experimental School | Foshan, China | 2019 - 2021

- Taught primary English, assessed progress, and communicated with parents; maintained instruction and feedback during COVID disruptions.

EDUCATION

Bachelor of Arts in Philosophy | University of Regina, Regina, SK