

Randall Yash

me@randallyash.com · Nanticoke, Pennsylvania
 ramzal.net · LinkedIn · github.com/randallyash · randallyash.com

Director of Technology at NEPIRC, the manufacturing resource center for northeastern Pennsylvania. Fifteen years of networking and IT come with the title: network engineering, VoIP, and the networking practice at Cleverfish, then the information systems, security, disaster recovery, and AI policy I direct now. Cybersecurity is part of the job. I do NIST 800-171 and CMMC 2.0 gap analyses for manufacturers, I did the cybersecurity hardening and controls for a regional credit union at Cleverfish, and I wrote the remote-work standard used by more than 1,800 Pennsylvania companies. AI gets the same weight. I direct the policy, run local models, and build tools that call provider APIs. I also build the systems NEPIRC uses every day: Salesforce, federal expense reporting, the KPI and budget dashboards, and proposals in Conga.

EXPERIENCE

NEPIRC

Northeastern Pennsylvania Industrial Resource Center

Director of Technology

November 2021 – Present

- Direct NEPIRC's information systems, security, disaster recovery, and AI policy.
- Built the Salesforce object that tracks employee expenses and mileage for federal reporting. Review the records each month, send back what is wrong, and approve the organization-wide credit-card expense reports.
- Built the KPI, budget-versus-actual, pipeline, and sales-forecast dashboards, with year-over-year and month-over-month views for project managers and business advisors.
- Selected Conga for proposals, set it up, and trained the staff. That took the manual work and the errors out of the proposal process.
- Conduct NIST 800-171 and CMMC 2.0 gap analyses for regional manufacturers, and report the findings.
- Ran NEPIRC's NIST Supplier Scouting work: industry trend data, and matching Pennsylvania manufacturers with domestic suppliers.
- Write the grant narratives and the closeout reports, and maintain the CRM bridge between NEPIRC and Pennsylvania DCED.
- Run the quarterly state and federal client impact surveys. Schedule the interviews, pull the project reports and talking points, sit in on them, and use them to help manufacturers report their impact and hear about grants and services they may need.
- Since May 2025, when the marketing manager left, cover promotion for events and trainings: cut sheets, social posts, e-blasts, the WordPress site, SEO reporting, and open rates and registrations.
- Run Manufacturing Day, NEPIRC's largest event, at more than 300 attendees and 100 exhibitors, and the Advanced Technology and AI Summit, including exhibitor sales for both.
- Launched and host the Manufacturing Matters podcast on Apple Podcasts, Spotify, and YouTube, and appear on television and radio on manufacturing and AI on the factory floor.

Manager of Information Systems and Innovation and Technology Lab

July 2017 – November 2021

Coordinator

- Moved NEPIRC off SalesLogix and onto Salesforce: design, build, customization, rollout, and staff training.
- Designed and stood up NEPIRC's Innovation and Technology Lab.
- Wrote and taught a three-day SOLIDWORKS Basics course for manufacturers who needed an introductory step before Essentials.
- Wrote the remote-work security and operating standards used by more than 1,800 Pennsylvania companies during COVID-19. The International Economic Development Council recognized the work nationally.

Manager of Information Systems

July 2015 – July 2017

- Oversaw NEPIRC's IT and cybersecurity, including system administration, and designed and built the NEPIRC website on WordPress.
- Ran the federal and state quarterly reporting: economic impact metrics, grant narratives, and custom reports for lobbying.
- Served on the KC3D advisory board for the rollout of the Keystone College 3D Lab.

Cleverfish

Pennsylvania

Director of Networking

June 2013 – July 2015

- Led the networking practice, including billable KPIs for the team and project management on every implementation.
- Scoped, budgeted and assigned the work according to each engineer's capability and workload.
- Led the technical interview process for new engineers.
- Handled the higher-complexity projects, including cybersecurity hardening and controls for a regional credit union.

Director of VoIP Integration

April 2012 – June 2013

- Delivered every VoIP solution the company sold, from code and configuration through implementation, training, and support.

Network Engineer

May 2011 – April 2012

- Handled the engineering across client networks and servers: Cisco ASA routers and switches, VPN profiles, SQL and PostgreSQL databases, and Microsoft system administration.

Geisinger

Scranton, Pennsylvania

Systems Analyst

March 2010 – April 2011

- Configured, customized and taught Epic EMR through the Scranton CMC acquisition.

ON MY OWN TIME

- Built [spill](#), an open-source harness. A cheap model runs the session. If it loops, stalls, or dies, spill cuts that attempt and a frontier model answers the question you typed. It never sees the junk.
- Run local AI models on a Proxmox host, and built a Linux app that tracks token usage across AI providers through their APIs.
- Publish Linux tools on GitHub: laptop TDP and lighting control in the spirit of G-Helper, and a custom Quickshell bar.

- Self-host the databases behind my own private file and photo storage.
- Host and manage the digital signage that local bars and pubs run their menus and events on.

PROJECTS

spill · github.com/randallyash/spillover

Tries a cheaper model first, and only sends that turn to a frontier model if the first attempt fails. The failed answer is dropped. The next model starts from the original question.

Z13 Power · github.com/randallyash/rog-z13-power-management

Power, lighting, and thermals for the 2025 ASUS ROG Flow Z13, in one Linux service. Profiles follow the plug, the battery, and the hinge. It replaces Armory Crate.

Omarchy bar · github.com/randallyash/ramzal-omarchybar

A Quickshell status bar for an Omarchy desktop: workspaces, media, weather, mail, and a live read of token usage across AI providers.

Hardlight · github.com/randallyash/omarchy-hardlight-theme

An Omarchy theme: magenta chassis light, phosphor-green ink, a cyan HUD, and its own wallpapers.

Hearthgrove · github.com/randallyash/omarchy-hearthgrove-theme

A dark Omarchy theme: charcoal pine, a brass lamp for the accent, and four painterly forest wallpapers.

GuildSync Companion · github.com/randallyash/guildsync-companion-windows

A tray app that uploads GuildSync saved data to twilighttavern.co. Packaged for Windows, Apple silicon, and Arch.

SKILLS

Networking and IT: DNS, Routing, VLANs, Firewalls, VPN, Linux, Microsoft system administration

Security: NIST 800-171 / CMMC 2.0, Azure AD, Exchange, Purview, SAML SSO

AI and automation: AI policy, Local AI models, AI provider APIs

CRM and reporting: Salesforce (admin, custom objects, reports, dashboards, Apex), Crystal Reports, MEIS, ExecutivePulse, DCED reporting

Finance and expense: Expense and mileage review, KPI and variance reporting

Marketing and web: WordPress administration and design, SEO reporting, Marketing analytics

Events and training: Event and exhibitor sales, Client surveys, Training delivery

Applications: Microsoft Office (Word, Excel, PowerPoint), Advanced Excel

CERTIFICATIONS

- CCNA
- CompTIA Network+
- Cisco SMCBE
- Certified Ethical Hacker (CEH)
- Salesforce Administrator
- SOLIDWORKS Associate
- Janek Performance Group Critical Selling Skills

EDUCATION

New Horizons Computer Learning Centers

2005 – 2007

Network and System Administration

Bishop Hoban High School

2000 – 2004

RECOGNITION

— Northeastern Pennsylvania Business Journal, Top 20 Under 40 (2020)

References: Available on request.