

NATHAN KORP

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PROFESSIONAL SUMMARY

Highly motivated Systems Administrator and Web Developer with over 15 years of IT experience, specializing in EdTech integration, hardware provisioning, and custom automation. Proven track record in managing enterprise-level educational environments (Google Workspace, Active Directory, PowerSchool, Canvas) and developing custom web applications and SQL reports to streamline operational efficiency. Strong dual-threat capability in both bare-metal hardware infrastructure and frontend/backend software development.

CORE COMPETENCIES & TECH STACK

- **Infrastructure & Security:** Windows Server Administration , Active Directory, Endpoint Security (Malwarebytes), Raspberry Pi Infrastructure, Hardware Repair & Upgrades , Automated Provisioning (SCCM, SmartDeploy), Network Access Control.
- **EdTech Platforms:** PowerSchool SIS Administration, Canvas LMS, Google Enterprise/Workspace , Proctorio Integration, Mass Account Provisioning, Edlio CMS.
- **Development & Data:** HTML/CSS, JavaScript, Ruby, RESTful API Integration, Relational Databases, SQL Reporting, Git/GitHub, Visual Basic / Advanced Excel Macros.

PROFESSIONAL EXPERIENCE

Seton Catholic Preparatory | Phoenix, AZ *Senior Tech Analyst / Systems Administrator* |
March 2018 - Present

- Administer and maintain critical campus infrastructure, including managing Google Enterprise, PowerSchool SIS, and Canvas LMS for hundreds of users.
- Develop and maintain custom SQL reports for PowerSchool to track attendance, academic compliance, and state reporting data.
- Lead hardware lifecycle management, including strategic deployment, SSD provisioning, BIOS maintenance, and physical hardware repairs.
- Deploy and manage advanced endpoint security using Malwarebytes, effectively mitigating network threats and handling virus remediation.
- Streamline operations by automating mass account provisioning workflows for students and faculty.
- Integrate and support specialized educational technology tools, including seamless Proctorio deployment for digital testing.
- Maintain Windows Server environments and manage campus-wide managed print services via UniFlow and PaperCut.

Rio Salado Community College | Tempe, AZ *Instructional Assistant & Computer Lab Technician* | *July 2016 - March 2018*

- Developed custom software tools using Excel and Visual Basic to automate weekly student communications and status reporting.
- Engineered automated grading scripts via VB for Windows 10 courses, significantly increasing department efficiency and reducing manual grading time.

My Computer Works *Computer Technician & Customer Support | June 2015 - May 2016*

- Diagnosed and repaired enterprise software and hardware issues via remote ticketing systems.
- Executed software deployments and upgrades across Microsoft OS, Office 365, and CAD platforms.

Cable One *Technical Support Level II, New Hire Coach & Peer Mentor | May 2010 - March 2015*

- Diagnosed routing, modem, and slow-state connectivity issues across ISP network nodes.
- Served as a Peer Mentor, training new technicians on diagnostic software and QA metrics.

DEVELOPMENT PROJECTS

"What The P" Period Tracker Application

- *Architecture:* Custom Web Application, JS, Google API.
- *Details:* Designed and deployed a dynamic scheduling utility for campus environments. Features a real-time countdown timer synchronized to the daily bell schedule, embedded Google Calendar integration, and a centralized portal for critical academic links.

The Fooz API Sports Dashboard

- *Architecture:* Frontend Web Dashboard, REST API Integration.
- *Details:* Developed a live sports data dashboard featuring seamless API integration to fetch real-time schedules for MLB, NFL, WNBA, and FIFA, complete with dynamic dark mode UI and timezone localization logic.

Project R.U.F.F. (Network Gateway)

- *Architecture:* Ruby Gem, Raspberry Pi OS, Localized Networking.
- *Details:* Built and deployed a custom Ruby application on a localized Raspberry Pi 2 infrastructure to provide granular network access control, parental filtering, and secure device scheduling.

VHS-99 Digital Community Platform

- *Architecture:* Custom CSS, Responsive Design, Frontend Development.

- *Details:* Designed and developed a retro-themed responsive web application and digital community platform to support an active 1980s and 1990s movie club and interface with a dedicated Discord server.

EDUCATION

Certificate of Completion in Computer Usage & Applications | *Completed 2015*