

# JOHN PEREZ

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## SKILLS

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- OS and Software Deployment
- Windows Server and Linux
- Debian Server Management
- Ticket and Endpoint Support
- Network Equipment Installation
- Ethernet Cabling and Patching
- Server Virtualization: VMWare
- Server Hosting Diagnostics
- Bash, C#, JavaScript, Java, Python
- Collaboration and Teamwork
- Project Management
- Attention to Detail

## EDUCATION

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### Manhattan College

B.S., Computer Science, Minor in Digital Media Arts

June 2019

## EXPERIENCE

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### Freelance IT/Network Support Engineer | Multidisciplinary Artist

Remote

Tetra – <https://tetraxp.com/>

August 2012 – Present

- Assembled desktops, deployed operating systems (Windows, Linux, MacOS), and provided technical support and troubleshooting for hardware and software issues
- Consulted business owners in setting up network devices (UniFi access points) for network optimization configuring the access points to use optimal channel widths, frequencies, and power levels
- Enabled nightly channel optimization and band steering features to reduce interference and improve connectivity
- Conducted meetings with up to 6 clients weekly, devising network solutions to meet business goals and requirements
- Ensured network uptime and performance by diagnosing and fixing network issues or outages for clients
- Created and edited over 1,000 graphic design projects using Photoshop and Illustrator for various clients and purposes

### Computer Network Field Technician

Bronx, NY

Manhattan College

June 2016 – March 2020

- Installed over 100 lines of Cat-6A and Coaxial cables, routing network devices to switches, routers, and hubs
- Successfully completed a campus-wide network module upgrade project installing over 300 Aruba access points
- Connected HP and Aruba Access Points, configured DHCP/DNS policies for optimal network connectivity
- Provided second-level support via Team Dynamix tickets with campus on-site assistance to over 4,000 students
- Patched network switches assessing cable infrastructure with Link Runner AT-1000 to test the network reliability
- Worked collaboratively with networking personnel at providers and data centers to determine origin points for faults, resulting in prompt resolution of issues

### Linux Systems Administrator

Remote

CloudCrux Network – <https://cloudcrux.com/>

October 2012 – June 2017

- Maintained and upgraded firmware for Linux servers hosting various gaming communities with over 12,000 members
- Deployed and managed over 100 virtual machines and containers using Proxmox, improving server resource utilization by 40% and enhancing network performance in security with Proxmox firewall and clustering features
- Utilized Docker containers to efficiently manage and deploy over 20 applications, projects, and forums, streamlining development and maintenance process while enhancing resource usage optimization and reducing system overhead
- Automated tasks such as SSL certificate verification, storage backup, and database backup using PowerShell and Bash scripts, improving productivity and reducing workload by 90%
- Achieved more than 30% savings on client server expenses by optimizing resource allocation and offering competitive pricing on domain hosting and cloud storage
- Ensured high availability and performance of client server infrastructure, achieving 99% uptime and zero security breaches

## PROJECTS

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### PRJKT2700 – <https://medium.com/@prjkt2700>

Ran a studio hosting over 30 local music artists and friends to record, mix, and master their music with Ableton. Hosted workshops for setting up MetaMask wallets, creating independent smart contracts via Manifold, and minting art or music onto the Ethereum blockchain. Helped artists transfer discography to Audius, a blockchain music platform that tokenized and rewarded them over 147,400 AUDIO (\$123,801.26).