Anthony Quispilaya

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Education & Academic Involvement

Bachelor of Science in Information Technology
New Jersey Institute of Technology, Newark, NJ
Expected May 2026

Associate of Science in Computer Science
Hudson County Community College, Jersey City, NJ
May 2022

Lab Assistant - Computer Systems & Networks
- Supported networking labs by configuring and troubleshooting Cisco switches, verifying connectivity with PuTTY, MobaXterm, and Telnet, and assisting students with hands-on equipment and lab instruction

Technical Skills

Languages: PHP, JavaScript, Python, Java, C++, Bash, HTML, CSS
Frameworks/Libraries: React, Node.js, D3.js, Recharts, Bootstrap, Tailwind CSS
Databases & Messaging: MySQL, PostgreSQL, RabbitMQ
Tools & DevOps: Git, npm, Docker, CI/CD, VS Code
Systems: Linux, Windows, macOS
Concepts: Networking, REST APIs, OOP, Data Structures & Algorithms

Projects

Steam Games Library Rank System | PHP, MySQL, RabbitMQ, Linux, Tailscale, Steam Web API
- Developed a full-stack PHP/MySQL web application integrating the Steam Web API to generate user game libraries, rankings, and social features.
- Architected a Dev / QA / Prod multi-VM environment secured via VPN, implementing database replication, automated backups, and 2FA authentication.
- Implemented RabbitMQ asynchronous messaging and applied deployment and environment isolation best practices to improve scalability and system reliability.

Air Quality & Respiratory Illness Data Visualization | React, D3.js, Google Maps API
- Built an interactive data visualization dashboard analyzing air quality and respiratory illness trends (2016–2022).
- Implemented animated D3.js charts, geospatial mapping, regression-based correlation analysis, and interactive tooltips

Volley Meet NJ | HTML, CSS, JavaScript, Bootstrap
- Designed a responsive volleyball community platform with modular UI components and collapsible navigation menus.
- Implemented CSS transitions, transforms, and reusable front-end modules for mobile responsiveness.
- Ensured cross-browser compatibility and maintainability, hosted on GitHub.

Professional Experience

IT Technician | Quest Technologies   **Aug 2024 - Present**
- Configured and deployed Windows 10/11 systems for new client sites
- Diagnosed and resolved hardware and software issues, reducing downtime.
- Performed security updates, antivirus scans, and data recovery to ensure system reliability

Part Sales Manager | AutoZone   **Jun 2023 - Aug 2024**
- Leveraged internal inventory and sales systems to improve parts lookup accuracy and operational efficiency while mentoring associates on workflows, compliance, and performance standards