

Gentman Tan

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IT EXPERIENCE

LOGIC PRO, CORP. | INDEPENDENT IT CONSULTANT

South Florida | 2018 – present

- Collaborated with various local businesses and I.T. teams
- **Jademar Lighting Corporation**
 - Configured and deployed a network of 20 Hikvision network cameras with accompanying web-based viewing software and mobile application, enabling secure and convenient remote monitoring
 - Established secure UniFi **wireless access point** SDN system for 100% warehouse coverage of workstations and wireless CCTV cameras
- **Interport Logistics**
 - Designed and implemented a patch panel-to-server network cabinet infrastructure to improve network efficiency and organization.
 - Installed **wireless access points** with **802.11r mobility domains** for mobile inventory tracking
- **Chan's Furniture**
 - Designed and deployed a scalable cloud server on **Amazon Web Services (AWS)** to host a critical database, ensuring high availability and reliability for Chan's Furniture's operations
 - Utilized **Docker** containers to streamline service management, allowing for ease of management
 - Implemented **WireGuard** and nftables rules to secure network traffic and enforce robust firewall rules, safeguarding sensitive data and preventing unauthorized access

PROXMOX VIRTUAL HOMELAB | IT ENGINEER

Miami, FL | 2018 – present

- Created and managed hyper-converged network infrastructure using **Proxmox hypervisor**, virtualized PFSense for security with **NixOS** for web services and Windows virtual machines
- Established **network ACLs** utilizing **VLANs** and deployed **802.1X** for security by compartmentalization

CERTIFICATION

COMPTIA | IT CERTIFICATION

Miami, FL | 2024 – present

- CompTIA IT Operations Specialist (A+, Network+)
- Currently pursuing: ITIL, Security+

EDUCATION

FLORIDA INTERNATIONAL UNIVERSITY | UNDERGRADUATE, CUM LAUDE

Miami, FL | Jan 2020 – Dec 2023

- **BS Computer Science**
 - Advanced Unix Programming
 - Applied Parallel Computing
 - Artificial Intelligence
 - Computer Architecture
 - Data Structures
 - Net-centric Computing

SKILLS

- Excellent verbal and written communication skills in English and conversational Chinese (Mandarin & Cantonese), with experience in creating clear and concise, emails, presentations and documentation following UML principles
- Microsoft (Windows Client & Server & Azure & 365 & Active Directory & Sharepoint)
- Google Cloud Products (Compute Engine & Firestore & Admin Console)
- Linux (Standard utilities & log parsing & NixOS & Proxmox & PFSense)
- Bash & Nix & PowerShell & SQL & C & Java & Kotlin & Python