

CHENO YRILL A. FEGALAN

Application System Engineer

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PROFESSIONAL SUMMARY

Dedicated entry-level IT professional with a solid background in system administration, software development, and technical support. Hands-on experience in designing, implementing, and maintaining software solutions, managing IT assets, and optimizing network performance. Eager to leverage my programming skills and technical expertise in system design, application development, and troubleshooting as an **Application System Engineer**.

SKILLS

- **Software Development:** Proficient in Java, Python, and C programming languages.
 - **System Administration:** Expertise in managing system backups, maintaining IT infrastructure, and optimizing system performance.
 - **Database Management:** Experience with MySQL integration and database management.
 - **Application Design & Implementation:** Skilled in designing and developing applications, including login systems and voting platforms.
 - **Technical Support:** Adept at resolving software and hardware issues both remotely and on-site.
 - **Network Management:** Practical experience in managing network infrastructure, ensuring optimal security and performance.
 - **Collaboration & Communication:** Able to work efficiently with users and technical teams to solve issues and improve system performance.
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WORK EXPERIENCE

Management Information System Intern

Zuellig Family Foundation | Parañaque

Feb 2024 - Apr 2024

- **Application Development:** Assisted in the development and testing of internal applications to streamline organizational processes.
- **IT Asset Management:** Managed IT assets to optimize resource utilization and maintain inventory accuracy.
- **System Backup Administration:** Implemented and maintained system backup procedures to safeguard critical data.

- **Software and Hardware Maintenance:** Provided ongoing support for software and hardware systems, troubleshooting and performing upgrades.
 - **Network Administration:** Managed and maintained network infrastructure, ensuring optimal performance and security.
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EDUCATION

Bachelor of Science in Computer Engineering

Emilio Aguinaldo College-Cavite

2020-2024

Specialization in Network Administration

- Thesis: "Smart Parking Management and Detection System for Emilio Aguinaldo College Cavite Campus."

Science, Technology, Engineering, and Mathematics (STEM) Strand

Emilio Aguinaldo College-Cavite

2018-2020

- Developed a strong foundation in scientific principles, problem-solving, and analytical skills.
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PROJECTS

- **Java Login System (MySQL Integration):** Developed a secure login system using Java, integrating MySQL for database storage of user credentials and session management.
 - **Java Calculator:** Built a basic calculator application in Java, supporting basic arithmetic operations and designed with a user-friendly graphical interface.
 - **C Voting System:** Designed a voting system in C, implementing user authentication and vote tracking in a secure, efficient manner.
 - **Python Color Game Prediction:** Developed a Python-based color prediction game, using machine learning techniques to predict user inputs and improve game difficulty based on past user behavior.
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CERTIFICATIONS AND WEBINARS

- **"AutoCAD 2022+ Version: Introduction to AutoCAD"**
February 8, 2024
 - Basic understanding of AutoCAD for technical designs and diagrams, helpful for visualizing application systems.
- **"Bits and Bytes of Network Engineering"**
February 23, 2024
 - Essential concepts of networking and system communication.

- **"Navigating the Tech Horizon: A Dual Journey Through IT Project Management and Cybersecurity"**
March 1, 2024
 - Emphasis on IT project management and cybersecurity integration.
- **"Introduction to ASP.NET"**
March 8, 2024
 - Fundamentals of ASP.NET for web application development.
- **"Navigating the Cybersecurity Labyrinth: Unveiling Zero Trust for Tomorrow's Engineers"**
March 14, 2024
 - Knowledge of implementing secure systems using a Zero Trust model.
- **"Introduction to Cloud Computing via Microsoft Azure"**
March 25, 2024
 - Basics of cloud infrastructure and application hosting in Azure.
- **"Beyond the Basics: Creating a Full-Fledged IT Infrastructure from Ground Zero"**
April 27, 2024
 - Practical application of IT infrastructure creation and maintenance.
- **"Full Stack Development with Angular and Azure Static Web Apps"**
May 4, 2024
 - Experience in developing web applications and hosting on cloud platforms.

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C
- **Database Management:** MySQL
- **System Administration:** Windows Server, Backup Solutions
- **Application Development:** Application design, testing, debugging
- **Network Management:** VPN/VoIP, Network Security
- **Cybersecurity Fundamentals:** Threat detection, vulnerability assessment
- **Tools:** MS Office, Git, IDEs (Eclipse, IntelliJ), Visual Studio Code