ARGEE C. LINAYAO

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EDUCATION

National University August 2020 – August 2024

Bachelor of Science in Computer Engineering, Dean's Lister (GWA 3.35) 2020 – 2024

Relevant Coursework: Computer Engineering Fundamentals, Electronic Circuits, Electrical Circuits, Object Oriented Programming, Embedded Systems, Internet of Things Microcontroller, Networking, Software Engineering and Hardware Engineering.

PROFESSIONAL EXPERIENCE

CHASE TECHNOLOGIES CORPORATION

Software Engineer (Team Leader) August 2024 – February 2025

- Led the migration of the POS system from FoxPro to C# with MSSQL database integration, enhancing system performance and scalability.
- Designed and implemented software applications in collaboration with senior Software Engineers, ensuring seamless integration of client-requested features and functionalities.
- Troubleshoot and debugged critical software issues, reducing downtime and optimizing the user experience.
- Conducted regular monitoring of database systems to identify and address performance and security concerns.
- Provided leadership and mentorship to the Technical Support team and Technical Support interns, Supporting technical growth and improving problem-solving capabilities.

ISERVICE GLOBAL BUSINESS SOLUTION CO.

Web Developer Intern April - May 2024

- Developed a commercial website for their client. medicaunofarma.com.

TECHNICAL SKILLS

- **Programming Languages:** Experienced in C# and C++
- **Programming Languages:** Basic knowledge of Python, JavaScript, and Visual Basic.
- **Frameworks:** Basic knowledge of .NET Framework, ASP.NET, ASP.NET Core MVC, Razor (ASP.NET Core), Entity Framework, Windows Forms, WPF, Bootstrap, Tailwind CSS.
- **Database:** Experienced in MSSQL
- **Version Control System (VCS):** Basic Knowledge of Git.
- **Web Development:** Basic knowledge of HTML, CSS, JavaScript, WordPress, and Hostinger.
- **Hardware and Software Troubleshooting:** Experienced in diagnosing and resolving hardware and software issues.
- **Software Tools:** Microsoft .NET technologies Microsoft Visual Studio 2022, GitHub, Visual Studio Code, Arduino IDE, Dip Trace, MIT App Inventor, Tinker CAD, Fritzing, Multisim, Figma, and AutoCAD.
- **Electronics and Embedded Systems:** Understanding of electronic and electrical systems/circuits, embedded systems, and IoT technologies.
- **PCB Design:** Basic knowledge of PCB design and development.
- **Microcontrollers and Sensors:** Experienced in microcontrollers (Arduino, ESP32), sensors, and logic gates.
- **Microsoft Office Suite:** Proficient in Microsoft Office applications, including Word, Excel, and PowerPoint.
- **Research and Development:** Experience in conducting research and development projects.

UNIVERSITY PROJECTS

Capstone (Aero Vest: Wearable Heat Stress Monitoring Device with Automated Cooling Fan)

- Integrates physiological sensors and an automated cooling fan to monitor vital signs and adjust cooling based on ambient temperature, enhancing wearer comfort. A web application is used to monitor vital signs and temperature.