GIAN KYLE GO MASINDA

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PROFILE

I am an Electronics Engineering student with a minor in Data Science, deeply committed to exploring innovative technologies and practices. I have successfully taken on the role of President of the Electronics and Communications Engineering Society (ECES), showcasing my leadership abilities and dedication to personal and professional growth. My passion for automation and AI drives me to stay at the forefront of technological advancements and continuously seek new ways to apply my skills.

TECHNICAL SKILLS

- Programming in C, C++, MATLAB, JavaScript, and Python
- Website Design using HTML and CSS
- Certified in Microsoft PowerPoint and Excel; Proficient in Microsoft Word
- Corporate Relations and Drafting MOAs
- Professional Communication, including Emails and Letters
- Securing Sponsorships and Partnerships

CERTIFICATES

Microsoft Office Specialist: Excel Associate (Office 2019)
- Garnered a perfect score of 1000/1000, demonstrating expertise in managing worksheets, data, tables, formulas, functions, and charts.

Microsoft Office Specialist: Powerpoint (Office 2016)
- Achieved a perfect score of 1000/1000, excelling in creating and managing presentations, formatting text, shapes, images, and media, as well as applying transitions, animations, and managing multiple presentations.

SOFT SKILLS

- Leadership
- Communication
- Problem-solving
- Strategic Thinking
- Adaptability
- Team Collaboration
- Time Management
- Conflict Resolution
- Decision Making
- Team Building
- Initiative
- Creativity
- Mentoring
- Networking
- Detail-Oriented
- Resourcefulness
- Delegation
- Empathy

EDUCATION HISTORY

DE LA SALLE UNIVERSITY - MANILA

BS Electronics Engineering Minor in Data Science **October 2021 - Present**
- Department of Science and Technology Junior Level Science Scholar.
- Consistent Dean's Lister.
- Extracurriculars: Electronics and Communications Engineering Society (ECES), Society of Young Engineers Towards Achieving Excellence (SYNTAX), DLSU Eco Car Team, Institute of Electronics Engineers of the Philippines - Manila, 76th Eng Batch Government, Engineering College Government, ENGLICOM, Viridis Arcus Esports, and Institute of Electrical and Electronics Engineers.

LA SALLE COLLEGE ANTIPOLO

Senior High School | STEM Strand **June 2019 - May 2021**
- Graduated with High Honors.
- Awarded Best in Research for "RFID Attendance Checker: Empowering Efficient Data Logging Through Arduino".
- Won multiple DSPC awards with The Voyagers, the official school publication.

PROFESSIONAL EXPERIENCE

GLOBE TELECOM

Core Network Engineer Intern **May 2024 - August 2024**
- Interned as a Core Network Engineer under the International and Fixed Core Engineering (IFCE) department at Globe Telecom.
- Managed network statuses and performing IP address cleanups for over 770 clients' IP ranges using Huawei iMaster MAE, a network management platform for automation and efficient operations.
- Spearheaded automation of data analysis and reporting processes using Python to optimize efficiency.
- Enhanced the departmental database by developing a more streamlined and efficient inventory system in Google Sheets.
- Utilized programming knowledge in Google Looker to create a pseudocredential system, allowing access to dashboards only to those with the right credentials.
- Programmed dashboards in Google Looker to display data granularity, a feature not natively supported by the platform.
- Created dashboards and reports used in company presentations, significantly reducing data processing times (e.g., HSS Subscriber Count processing from 2 hours to 47 seconds; POI Traffic Report processing from 1 hour to 6 minutes).

LEADERSHIP EXPERIENCE

ELECTRONICS AND COMMUNICATIONS ENGINEERING SOCIETY

President **September 2024 - Present**
- Developed a streamlined and automated system to handle the organization's event processing, capable to track paperwork required by the Council of Student Organizations.
- Introduced a reference number system for each event and committee under the organization to improve tracking and organization.
- Created and implemented the Requests and Submissions Form (RSF) and Committee Tracking System (CTS), leveraging Google Forms and Google Sheets to automate the generation of unique reference numbers for every request or submission.
- Integrated the system with the ECES Discord server using Google Apps Script and Discord Webhooks, automatically notifying relevant personnel of updates to document and event statuses.
- Increased the organization's population by more than 100% for the academic year 2024-2025 compared to the last academic year.

Executive Vice President for Internals **September 2023 - August 2024**
- Led ECES's initiatives for the 2023 Annual Recruitment Week, successfully recruiting over 100 members, and managed all publication materials and logistics for the physical event booth.
- Represented ECES to the Council of Student Organizations, handling all paperwork and requirements for the organization's operations during the recruitment week.
- Collaborated with the Engineering College Government's Student Services Committee to track course enlistments of Electronics Engineering students, helping the department assess class needs and slot availability.

INSTITUTE OF ELECTRONICS ENGINEERS OF THE PHILIPPINES - MANILA

Board of Directors - DLSU Representative **November 2023 - June 2024**
- Represented De La Salle University as a Board Member for the Institute of Electronics Engineers of the Philippines (IECEP) - Manila.
- Initiated a successful membership drive at DLSU, fostering stronger connections between ECE students and the national professional organization.

SOCIETY OF YOUNG ENGINEERS TOWARDS ACHIEVING EXCELLENCE

Executive for Learning Services **October 2022 - August 2023**
- Delivered comprehensive tutoring services to DLSU engineering students in basic physics and computer programming, including MATLAB, C, and C++.
- Collaborated with the university to enhance learning resources and support student academic growth through a structured tutoring program.

NATIONAL TRAINING SERVICE PROGRAM - LITERACY TRAINING SERVICE

Creatives Committee Head **May 2022 - December 2022**
- Led the development of an Android quiz-type game and designed various publications to enhance the program's outreach and engagement.
- Provided tutoring services to over 40 children through a collaboration with the Unbound Organization in Quezon City, supporting their educational development.
- Recognized with the "Best in Project Implementation" award and nominated for "Best in Project Resource Mobilization" and "Best Project Proposal" for outstanding contributions to project execution and resource management.

RESEARCH PROJECTS

- Development of a Web-based Application for Real-time Speech Captioning in the Filipino Language Using Lip Reading and Voice Recognition with Machine Learning (Ongoing)
- Development of an Autonomous Surveillance Drone System for Real-time Obstacle Detection and Assistance for the Visually Impaired Using LiDAR, Ultrasonic Sensors, and Stereo Cameras (2024)
- RFID Attendance Checker: Empowering Efficient Data Logging Through Arduino (2021)
- Enhancing Architectural Design Skills through Minecraft: An Analysis of Perceptions among Grade 11 LSCA STEM Students (2020)