RAPHAEL C. MURILLO
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EDUCATION

2024 – present	DE LA SALLE UNIVERSITY Bachelor of Science in Biomedical Engineering.
2022 – 2024	DE LA SALLE UNIVERITY - INTEGRATED SCHOOL Senior High School Diploma in STEM. Awards: General Excellence - Silver Award, Outstanding Research Award, Outstanding Organization Member, Exemplary Conduct Award.
2018 – 2022	ST. JOHN'S INSTITUTE High School Diploma. Awards: Top 3 in Batch Rankings (2022), Highest Honors (2022), consistent honors (2018-2022).

WORK EXPERIENCE

Jun – Aug 2024   LOGISTICS AND OPERATIONS INTERN, GODFREY ENTERPRISES
- Successfully managed the procurement and inventory of over 38 generic drug stocks.
- Coordinated 3 regional shipments of pharmaceuticals and medical supplies.
- Transitioned the business from manual pen-and-paper methods by developing a digital inventory management system in MS Excel to streamline processes and improve efficiency.
- Adapted to a hybrid work environment and contributed to the business's overall growth.
- Demonstrated strong organizational and problem-solving skills.

CO-CURRICULAR ACTIVITIES

2023 – 2024   STEERING COMMITTEE MEMBER, SERVICE LEARNING PROJECT FOR CHRISTIAN LIVING
- Coordinated and oversaw the implementation of a mini-library for children under the care of Akap sa Bata Philippines.
- Maintained organized logistics for the storage and transportation of over 500 books.

- Contributed diverse perspectives on project impact and sustainability, such as proposing a digital dashboard to reduce paper waste.
- Led and coordinated the Technicals Committee together with 3 other committees, ensuring efficient project execution.

Jan 2023   FINALIST (PRESENTER), GREEN TALKS 2023
- Title: "Tackling Algorithmic Bias: The New Frontier of Bias and Discrimination."
- Chosen as one of the top 10 presenters among all students who took the Oral Communication in Context course and applied for the contest in DLSU SHS.
- Conducted thorough research on algorithmic bias, including its causes, effects, and potential solutions.
- Demonstrated passion for innovation and critical thinking by delivering a thought-provoking speech.

EXTRA-CURRICULAR ACTIVITIES

2023 – 2024   MEMBER, ANIMO MODEL UNITED NATIONS
- Participated in 2 MUN conferences at Assumption College and Xavier School.
- Facilitated the admission of interschool delegates to the Archers MUN Conference as a delegate relations committee member.
- Conducted in-depth research on international policies and issues.
- Debated and negotiated with other delegates to address conflicting perspectives and find common ground in proposed policies.

2021 – 2022   PRESIDENT, SJI ROBOTICS CLUB
- Successfully led and motivated the largest organization with 140 members in St. John's Institute.
- Coordinated and executed 21 club activities and projects, including workshops, hackathons, and outreach initiatives.
- Spearheaded an effective marketing campaign that increased members from 78 to 140 and Facebook page likes from 52 to 224.
- Collaborated with 6 school and external organizations on joint initiatives, such as charity drives and community outreach programs.
- Pioneered the automation of operations and financial processes within a school organization.

2021 – 2022   HEAD TUTOR, THE JOHNIAN TUTORPEDIA
- Led tutoring services for ICT, TLE, and Robotics branches.
- Managed a team of 4 tutors.
- Conducted 4 peer tutoring sessions and over 20 individual consultations.
- Spearheaded a masterclass on programming and computers, teaching 54 students the foundational principles of low-level computing and Scratch programming.

2020 – 2021   BATCH GOVERNOR, SJI SUPREME STUDENT COUNCIL
- Represented a batch of 120 students and carried out tasks by the Student Council, such as event management, public relations, and donation drives during the pandemic.
- Held seminars on the use of digital tools to aid batchmates in the shift to online learning.
- Implemented a digital resource hub as a repository to share study materials, notes, and resources.

RESEARCH PAPERS PREPARED

November 2023   INTERPLAY OF REMOTE SENSING AND ARTIFICIAL INTELLIGENCE IN OPEN AGRICULTURAL LAND MONITORING
DOI: 10.1109/HNICEM60674.2023.10589040
Investigates the potential of integrating remote sensing and artificial intelligence technologies to enhance agricultural land management and resilience in the Philippines by analyzing satellite imagery and applying advanced machine learning algorithms.

SEMINARS ATTENDED

May 2024   ENVIROSPEAK: ECHOING NATURE'S CALL
SHS-Manila Student Council, De La Salle University - Integrated School

May 2023   BASIQS: QBO'S INTRODUCTORY CLASS ON STARTUPS WITH AWS
QBO Innovation Hub

August 2022   2022 WORLD YOUTH CODERS HACKATHON
World Coding Club

July 2022   GOOGLE I/O EXTENDED 2022
Google Developer Group Bacolod

July 2022   RAISE MSC AI HACKATHON
OpenDS4All, Birmingham City University

SEMINARS CONDUCTED

March 2022   FACILITATOR, MACHINE LEARNING FOR KIDS
St. John's Institute

March 2022   FACILITATOR, 3D PRINTING AND ITS APPLICATIONS: A WEBINAR
St. John's Institute

PERSONAL BACKGROUND

Born on November 3, 2005 in Bacolod City, Philippines. Fluent in English and Filipino. Knowledgeable in Word, Excel, Powerpoint, Python, MATLAB, Git, and CAD (OnShape). Also uses Audacity, Davinci Resolve, and Figma. Interests: Programming, 3D printing, SAAS, and Global Politics. Lifelong learner and always seeking to create quality outputs.