

ABDEL JALAL D. SINAPILO

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EDUCATION

UNIVERSITY OF THE PHILIPPINES - DILIMAN Diliman, Quezon City
Master of Engineering in Artificial Intelligence January 2025 - Present

- Relevant Coursework: Fundamentals of Artificial Intelligence, Computational Linear Algebra for AI, Classical Machine Learning

UNIVERSITY OF THE PHILIPPINES - DILIMAN Diliman, Quezon City
Bachelor of Science in Physics Graduated July 2024

- General Weighted Average: 1.5062
- Merit Scholar, Department of Science and Technology - Science Education Institute S&T Undergraduate Scholarship
- Thesis: Image Registration of Kite Aerial Photographs
- Relevant Coursework: Computer Methods in Physics, Computational Analysis and Modeling in Physics, Statistical Physics, Elementary Analysis, Differential Equations and Applications, Linear Algebra, Experimental Physics, Physical Electronics and Instrumentation, Mathematical Physics

QUEZON SCIENCE HIGH SCHOOL (QSHS) Tayabas City, Quezon
Senior High School Graduated April 2018

- Science, Technology, Engineering, and Mathematics (STEM) Strand
- With High Honors
- Recipient, Leadership Award

Junior High School Graduated April 2016

- With Honors

WORK EXPERIENCE

PHILIPPINE INSTITUTE OF VOLCANOLOGY AND SEISMOLOGY Diliman, Quezon City
AI Developer - Project Technical Specialist II February 2026 - Present

- Employed in the Department of Science and Technology (DOST) Geospatial Analytics and Technology Solutions (GATES) Project
- Conducted research and development of AI and machine learning models to support disaster risk reduction - climate change adaptation (DRR-CCA), and related applications
- Collaborated with cross-functional teams to gather requirements, clarify objectives, and translate business and scientific needs into AI-driven R&D outputs
- Developed, tested, and refined AI models for integration into existing systems and processes to support operational use
- Optimized AI models and applications for accuracy, scalability, and performance, ensuring relevance to evolving research needs
- Documented AI research methodologies, development processes, and outcomes in clear, structured, and accessible formats
- Ensured compliance with data privacy, ethical AI practices, and security regulations in all R&D activities

Project Technical Specialist I March 2025 - December 2025

- Employed in the “Accelerated Earthquake Multi-hazards Mapping and Risk Assessment Program of the Philippines” (ACER Program) - “Spatio-temporal Land Cover Mapping for Risk Assessments in Land Use Planning through AI” (LUPA Project)

- Analyzed and interpreted satellite imagery and geospatial data to produce exposure, vulnerability, and risk maps for Local Government Units (LGUs), directly supporting disaster preparedness and public safety initiatives
- Developed and applied artificial intelligence/machine learning models for image processing
- Utilized Large Language Models (LLMs), Convolutional Neural Networks (CNNs), Computer Vision (CV), and classical machine learning models for geospatial data analysis
- Performed statistical analyses and interpretation of available datasets to inform hazard assessments
- Managed and maintained project databases
- Authored reports, procedures, and publishable papers
- Facilitated coordination and communication with LGUs and stakeholders, supporting project implementation

Project Technical Assistant IV

October 2024 - February 2025

- Employed in the “Accelerated Earthquake Multi-hazards Mapping and Risk Assessment Program of the Philippines” (ACER Program) - “Spatio-temporal Land Cover Mapping for Risk Assessments in Land Use Planning through AI” (LUPA Project)
- Assisted in the analysis and interpretation of satellite imagery and other geospatial data, including land cover and land use mapping for areas of interest
- Conducted earthquake hazards mapping and research utilizing geophysical, geomorphological, geologic, and AI techniques and instrumentation
- Performed image processing methods and statistical analyses through artificial intelligence/machine learning modeling

INSTRUMENTATION PHYSICS LABORATORY

UP Diliman, Quezon City

Undergraduate Researcher

September 2021 - July 2024

- Researched computer vision, geospatial analysis, fluid dynamics, and data structures for thesis completion under Video and Image Processing subgroup supervised by Dr. Maricor N. Soriano
- Thesis:
 - Developed an image registration algorithm to minimize aerial image geometric distortions and maximize panoramic area; Conducted statistical analysis to determine significant differences in panoramic area between distorted images that underwent paraxial approximation and geometric calibration; Automated feature extraction and registration of aerial images
 - Employed data structures, statistical treatments, and physics principles in research
- Collaborated with a team to design experimental research setups

Student Assistant

January 2023 - February 2023

- Performed administrative tasks for Video and Image Processing subgroup, such as laboratory schedule management, inventory, equipment maintenance, and documentation

DOST SCIENCE EDUCATION INSTITUTE INTERNSHIP

UP Diliman, Quezon City

Intern

July 2023 - August 2023

- Performed internship tasks at Instrumentation Physics Laboratory, Video and Image Processing subgroup
- Assisted in laboratory operations, research experiments, and equipment maintenance and inventory
- Collaborated with researchers and co-interns to ensure a well-organized and efficient lab environment
- Developed a basic mobile application and learned digital 3D modeling and computer-aided design
- Learned geospatial analysis and georectification/georeferencing, and kite aerial photography

TECHNICAL PARTICIPATIONS

ADVANCING AI GOVERNANCE IN THE PHILIPPINES

Makati City
February 2026

Participant

- Participated in the AI governance capacity building program of the London School of Economics

PHILGEOS 2025

Quezon City
November 2025

Presenter

- Participated in the Philippine Geomatics Symposium 2025 with the theme “Enhancing Human Quality of Life through Spatial Technologies”
- Presented and published research entitled “Populating Philippine OpenStreetMap Building Type using Large Language Models”
- Published research entitled “Urban Land Use Classification in Metro Manila using Deep Learning”

AI FOR ASIA FELLOWSHIP 2025

Virtual
October 2025 - November 2025

Participant

- Selected as one of 55 outstanding youth fellows from 11 Southeast Asian nations for the highly competitive 8-week intensive program focused on AI, Industry 4.0, and regional leadership
- Presented a critical analysis of the status and risks of AI adoption in the Philippine healthcare sector through a collaborative Capstone Project
- Completed intensive, expert-led workshops and case studies focused on the integration of AI in the ASEAN marketplace, manufacturing automation, digital disruption, and ethical technology adoption
- Engaged with a diverse network of regional leaders and mentors from AI companies, startups, and development organizations

TRAINING ON AI/ML FOR EO COPERNICUS SENTINEL DATA

Virtual
October 2025

Participant

- Participated in an advanced workshop organized under the EU–Philippines Copernicus Cooperation Programme (CoPhil), in partnership with the Philippine Space Agency (PhilSA), Department of Science and Technology (DOST), European Union, and European Space Agency (ESA)
- Utilized Copernicus Earth Observation data (Sentinel-1 SAR, Sentinel-2) for applications in disaster risk reduction, climate change adaptation, and natural resource management
- Developed and trained AI/ML models (Random Forest, SVM, CNN, U-Net) for land cover classification, flood mapping, and environmental monitoring
- Implemented end-to-end EO data processing and validation workflows using Philippine EO infrastructure and the Copernicus Data Space Ecosystem
- Applied AI/ML and EO techniques to real-world Philippine case studies addressing floods, droughts, deforestation, and urban change detection

ICTP WORKSHOP ON EMPOWERING CONNECTIVITY

Trieste, Italy
September 2025

Participant

- Selected as one of 24 international participants in the “Workshop on Empowering Connectivity: Bridging Space and Earth with DTN” of The Abdus Salam International Centre for Theoretical Physics (ICTP), employing the Delay/Disruption Tolerant Network (DTN) store-and-forward data transmission architecture with Artificial Intelligence
- Collaborated with international technical experts on developmental planning of utilization and optimization of DTN technologies for remote areas
- Implemented DTN architecture within satellite and deep-space communication networks by configuring operational nodes and gateways using open-source software in a hands-on laboratory environment
- Investigated the ethical considerations and policy implications of DTN deployment, focusing on leveraging the architecture to provide resilient connectivity and facilitate scientific collaboration for researchers in remote and developing regions

- Analyzed store-and-forward algorithms, security and authentication mechanisms, and convergence layers essential for mission-critical and long-delay data transfers

ASEAN-EU SUMMER SCHOOL

Virtual

Participant

July 2025

- Participated in the “2025 ASEAN-EU Summer School: Transnational Lecture-Workshop on Disaster Preparedness and Resilience”, engaging in interdisciplinary sessions on climate change, community resilience, and transnational cooperation
- Collaborated with emerging leaders from Asia and Europe to develop innovative social action proposals addressing disaster risk reduction and sustainable recovery
- Completed a hybrid training program co-organized by Student Think Tank for Europe-Asia Relations (STEAR) and University of the Philippines Tacloban College, combining expert-led lectures and hands-on workshops in Tacloban City, Philippines

GEOLOGICAL SOCIETY OF THE PHILIPPINES: GEOCON 2024

Quezon City

Participant

December 2024

- Participated in GeoCon 2024 with the theme “Filipino Geologists - Bridging Geoscience, Technology, and Industry for a Better Philippines”
- Submitted and displayed group-based research entitled “Extracting Built-up Exposure from Centimeter-Level Land Cover Mapping Using Deep Learning” in poster category

SAMAHANG PISIKA NG PILIPINAS: 42nd CONFERENCE

Batangas City, Batangas

Presenter

July 2024

- Participated in the 42nd Samahang Pisika ng Pilipinas (SPP) Physics Conference and Annual Meeting with the theme “Brewing Waves of Innovation in Physics”
- Presented and published physics research entitled “Image Registration of Kite Aerial Photographs”

17th NATIONAL SYMPOSIUM ON MARINE SCIENCE

Batangas City, Batangas

Participant

July 2023

- Participated in the 17th conference of the Philippine Association of Marine Science with the theme "Saving Our Seas: Restoring Marine Systems for People and Nature"
- Gained valuable insights through networking, feedback, and interdisciplinary exchanges with fellow researchers on marine-focused topics

PUBLICATIONS

- Aceron, J. C. F., Narciso, G. A. M., **Sinapilo, A. J. D.**, Coronado, R. A. I., Guevarra, L. M. L., Palma, J. A., and Tabuzo, J. H. B. (2026). Populating Philippine OpenStreetMap building type using large language models. The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences. <https://doi.org/10.5194/isprs-archives-XLVIII-5-W4-2025-9-2026>.
- Aceron, J. C. F., Narciso, G. A. M., Coronado, R. A. I., Guevarra, L. M. L., **Sinapilo, A. J. D.**, Palma, J. A., and Tabuzo, J. H. B. (2026). Urban land use classification in Metro Manila using deep learning. The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences. <https://doi.org/10.5194/isprs-archives-XLVIII-5-W4-2025-17-2026>.
- **AJD Sinapilo** and MN Soriano, Image registration of kite aerial photographs, Proceedings of the Samahang Pisika ng Pilipinas 42, SPP-2024-PB-16 (2024). URL: <https://proceedings.spp-online.org/article/view/SPP-2024-PB-16>.

LEADERSHIP & ORGANIZATIONS

YOUNG SOUTHEAST ASIAN LEADERS INITIATIVE

Fellow/Alumnus, Academic Fellowship Program

Connecticut, U.S.A.

April 2025 - May 2025

- Participated in the prestigious Young Southeast Asian Leaders Initiative (YSEALI) Academic Fellows Program - Innovation and Entrepreneurship theme of the U.S. Department of State
- Engaged in interactive workshops focused on key entrepreneurial principles, including business model generation, lean startup methodologies, and venture capital financing
- Undertook site visits to Connecticut-based startups and established companies, gaining firsthand insights into innovation processes and business operations
- Fostered intercultural understanding and social responsibility through participation in community service initiatives and cultural exchange programs, building a global network
- Completed academic coursework at the University of Connecticut, enhancing knowledge of technological innovation, management, entrepreneurial finance, and marketing strategies
- Collaborated with a diverse group of fellows on developing a business plan to integrate AI prompt engineering to sectoral workspaces

KAYA NATIN YOUTH - QUEZON PROVINCE

Quezon Province

Chairperson

July 2024 - February 2025

- Chaired a province-wide organization dedicated to youth empowerment, leading strategic initiatives, organizing development programs
- Extended capacity building activities to municipalities in the province to form their Kaya Natin! Youth local chapters
- Formed partnerships and initiated network-building activities with local leaders, sectoral experts, and other organizations from the province
- Relayed news and plans from the national chapter to the provincial chapter

Volunteer/Member

2022 - 2024

- Extended capacity building activities to municipalities in the province to form their Kaya Natin! Youth local chapters
- Assisted in the activities of existing local chapters

Founding Chairperson

2022

- Organized the inception of a provincial chapter of the national youth organization Kaya Natin! Youth in Quezon Province

YOUTH VOTE - QUEZON PROVINCE

Quezon Province

Convenor, Chairperson

2021 - 2022

- Organized the inception of a provincial chapter of the national youth organization Youth Vote in Quezon Province
- Executed province-wide activities that promoted voted education and youth empowerment
- Managed outreach programs, workshops, and advocacy campaigns
- Championed initiatives to increase youth participation in civic activities and voter engagement
- Formed partnerships and initiated network-building activities with local leaders, sectoral experts, and other organizations from the province

QSHS - SUPREME STUDENT GOVERNMENT

Tayabas City, Quezon

President

2016 - 2018

- Directed the student council, oversaw meetings, coordinated school events, and represented student interests
- Implemented initiatives to improve school spirit and address student concerns
- Reorganized the organizational structure of the entire student organization body, leading to improved student engagement
- Extended capacity building activities to students who wanted to form their own organizations
- Organized socio-civic activities for the nearby underprivileged communities
- Organized regular/annual school student affairs

QSHS - DISASTER READINESS AND RISK REDUCTION ORGANIZATION

Tayabas City, Quezon

Chairperson

2017

- Led a student organization focused on disaster risk reduction and management, coordinating events, workshops, and emergency drills
- Developed strategies to enhance community preparedness and response, and fostered collaboration with local agencies

QSHS - ROBITECH ENGINEERING CLUB

Tayabas City, Quezon

Founder

2016

- Organized the inception of an organization in the school that promoted and practiced technological development and engineering
- Organized workshops and projects that fostered innovation and enhanced members' technical skills

KAYA NATIN YOUTH - LUCENA CITY

Lucena City, Quezon

Committee Head, Partnership and Network Building

2022

- Formed partnerships and initiated network-building activities with local leaders, sectoral experts, and other organizations from the city

Volunteer/Member

2023 - Present

- Assisted in the activities of the organization

QSHS - ANG/THE VELOCITY STUDENT PUBLICATION

Tayabas City, Quezon

Feature Writer

2016

- Crafted engaging and informative feature articles for a school publication, highlighting student achievements, campus events, and relevant societal issues
- Demonstrated strong storytelling abilities, research skills, and attention to detail

Editorial Writer

2015

- Authored thought-provoking editorials for a school publication, providing insightful analysis on current events, campus policies, and social issues
- Demonstrated strong persuasive writing, critical thinking, and research skills

News Writer

2012 - 2014

- Reported on timely and relevant news for a school publication, covering events, developments, and issues impacting the school community
- Demonstrated accuracy, clarity, and an ability to meet tight deadlines

QSHS - MELODICO STRING ENSEMBLE

Tayabas City, Quezon

President

2015

- Led a string ensemble school organization, overseeing rehearsals, performances, and events
- Coordinated with members, managed schedules, and fostered a collaborative environment to achieve high musical standards

Member

2014

- Assisted in the activities of the organization

UP MUSLIM STUDENTS' ASSOCIATION

UP Diliman, Quezon City

Member

Present

- Assisted in the activities of the organization

UP ALUMNI ASSOCIATION - QUEZON PROVINCE

Quezon Province

Member

Present

- Assisted in the activities of the organization

KAPIT PRODUCTIONS

Quezon Province

Member

2016 - 2017

- Assisted in the activities of the organization

QSHS - YOUTH FOR ENVIRONMENT IN SCHOOLS ORGANIZATION

Tayabas City, Quezon

Member

2012 - 2014

- Assisted in the activities of the organization

YOUNG LEARNER'S HOME STUDENT COUNCIL (Elementary)

Lucena City, Quezon

President

2011 - 2012

- Directed the student council, oversaw meetings, coordinated school events, and represented student interests
- Implemented initiatives to improve school spirit and address student concerns
- Organized regular/annual school student affairs

Vice President

2010 - 2011

- Assisted in the president in various functions and implementing activities

COMMUNITY ENGAGEMENT

KAYA NATIN YOUTH NATIONAL ASSEMBLY

Quezon City

Participant

September 2024

- Selected to participate in a prestigious national leadership event, representing Quezon Province
- Engaged in workshops and seminars focused on leadership development, team building, and strategic planning
- Contributed to the formulation of action plans and initiatives aimed at addressing national, social, and community issues
- Expanded personal network by connecting with emerging leaders from across the country, fostering collaboration and knowledge exchange

QUEZON YOUTH GRAND CARAVAN

Quezon Province

Head Organizer

May 2022

- Initiated a campaign caravan advocating good governance and ethical leadership throughout multiple municipalities in Quezon Province
- Coordinated with various public youth groups with similar advocacies throughout the province
- Planned a safe and strategic route with public transportation operators for the mobile caravan

SILA: TUGON PARA SA PAMILYANG PILIPINO - A CALL FOR DONATIONS

Tayabas City, Quezon

Head Organizer

March 2020

- Initiated and led a donation drive to support underprivileged families affected by the onset of the COVID-19 pandemic
- Mobilized a team of volunteers to collect, package, and distribute essential goods, including food, hygiene products, and PPE
- Successfully raised funds and in-kind donations through online campaigns, social media promotions, and community outreach
- Managed donor relations, providing regular updates and transparency on the use and distribution of collected resources

QSHS SSG & DSWD: AMPERSAND - QSHS CHRISTMAS CAMP

Tayabas City, Quezon

Head Organizer

December 2017

- Directed the planning and execution of a school-wide Christmas camp, incorporating outreach activities for an orphanage in the regional DSWD
- Established partnerships with local sponsors and community members to support the donation and program activities
- Organized a meaningful program that included performances, gift-giving, and interactive activities with the orphaned children

- Coordinated fundraising efforts, resulting in successful donation drives for gifts and essential items for the orphanage

QSHS SSG & PH RED CROSS: YOUNG BLOOD - A BLOOD-LETTING EVENT Tayabas City, Quezon
Head Organizer July 2017

- Led the planning and execution of a school-wide bloodletting activity in partnership with the Philippine Red Cross
- Coordinated with the Philippine Red Cross team to ensure compliance with health and safety protocols during the event
- Organized logistics, including venue preparation, donor registration, and coordination of medical equipment and supplies

QSHS SSG: EXPLORING NEW FRONTIERS - FOUNDATION CELEBRATION Tayabas City, Quezon
Head Organizer March 2017

- Led the planning, coordination, and execution of a school-wide foundation day celebration
- Designed a comprehensive program schedule that included cultural performances, sports activities, and interactive booths
- Coordinated with faculty, student organizations, and external partners to secure resources, equipment, and sponsorships
- Oversaw the logistics, including venue setup, audio-visual arrangements, and safety protocols, to ensure a successful event

QSHS SSG: PARA SA KANILA - CHRISTMAS FOR A CAUSE Tayabas City, Quezon
Head Organizer December 2016

- Directed the planning and execution of a school-wide Christmas camp, incorporating outreach activities for a home for the aged
- Established partnerships with local sponsors and community members to support the donation and program activities
- Organized a meaningful program that included performances, gift-giving, and interactive activities with the elderly residents
- Coordinated fundraising efforts, resulting in successful donation drives for gifts and essential items for the home for the aged

QSHS SSG & UP ASTROSOC: LAKBAY LANGIT - ASTRONOMY CAMP Tayabas City, Quezon
Head Organizer October 2016

- Led the planning and execution of a school-wide astronomy camp with partner organization UP Astronomical Society
- Organized educational activities, stargazing sessions, and workshops to enhance participants' knowledge of astronomy
- Coordinated with guest speakers, astronomy enthusiasts, and faculty members to ensure a comprehensive learning experience
- Managed a team of volunteers, delegating tasks and responsibilities to ensure smooth operations throughout the camp
- Ensured the safety and well-being of all participants during night-time stargazing activities

UP MSA ISLAMIC AWARENESS WEEK UP Diliman, Quezon City
Organizer, Externals and Marketing Committee June 2024

- Formed partnerships and solicited support from organization alumni and sectoral groups
- Executed effective university-wide marketing and advertisement of the event

IPL VIDEO AND IMAGE PROCESSING TECHNICAL WORKSHOP Antipolo City, Rizal
Organizer, Programs Committee January 2024

- Assisted in planning and organizing sessions, coordinating with speakers, and ensuring the smooth execution of events

KAPIT PRODUCTIONS: LIKHAWIT FESTIVAL

Lucena City, Quezon

Organizer, Marketing Committee

May 2017

- Assisted in planning and organizing sessions of the publicity aspect of the music concert
- Supported the physical and online selling of tickets

GUEST SPEAKING & DISCOURSE

QSHS SENIOR HIGH SCHOOL GRADUATION

Lucena City, Quezon

Keynote Speaker

March 2026

- Delivered keynote speech and engaged with graduating students

KNY UNISAN: PALAKASIN ANG TINIG (VOTERS' EDUCATION)

Unisan, Quezon

Guest Speaker

October 2024

- Engaged with guest speakers through interactive discussions and practical advice on effective leadership strategies and personal development

KNY CANDELARIA: YOUTH VOICES IN ACTION (VOTERS' EDUCATION)

Candelaria, Quezon

Guest Speaker

September 2024

- Delivered a guest lecture on leadership, providing insights on effective leadership strategies and personal development

QSHS LEADERSHIP TRAINING

Tayabas City, Quezon

Guest Speaker

February 2018

- Delivered a guest lecture on leadership, providing insights on effective leadership strategies and personal development
- Engaged with students through interactive discussions and practical advice

COMPETITIVE PARTICIPATIONS & ACHIEVEMENTS

DEPED-INTEL SCIENCE FAIR

Participant

Lucena City, Quezon, 2017

- Competed in Science Investigative Project - Applied Sciences category, Division level, *1st place*

Participant

Tayabas City, Quezon, 2017

- Competed in Science Investigative Project - Applied Sciences category, School level, *1st place*

Participant

Bacoor City, Cavite, 2016

- Competed in Science Investigative Project - Robotics category, Regional Level

Participant

Tayabas City, Quezon, 2015

- Competed in Science Investigative Project - Applied Sciences category, School level, *1st place*

Participant

Antipolo City, Rizal, 2013

- Competed in Impromptu Speaking category, Regional level, *1st runner up*

DEPED SCHOOLS PRESS CONFERENCE

Participant

Batangas City, Batangas, 2016

- Competed in TV Broadcasting category, Regional Schools Press Conference

Participant

Mauban, Quezon, 2016

- Competed in TV Broadcasting category, Division Schools Press Conference, *1st place*

Participant

Lipa City, Batangas, 2014

- Competed in Radio Broadcasting category, Regional Schools Press Conference

Participant

Pagbilao, Quezon, 2014

- Competed in Radio Broadcasting category, Division Schools Press Conference, *1st place*

UPLB ECONOMICS SOCIETY: ECONVERGENCE	UP Los Baños, Laguna
<i>Participant</i>	2018
<ul style="list-style-type: none"> • Competed in Impromptu Speaking category, National Level, <i>3rd runner up</i> 	
ASSOCIATION OF SCIENCE EDUCATORS IN THE PHILIPPINES (ASEP)	
<i>Participant</i>	Baguio City, 2017
<ul style="list-style-type: none"> • Competed in Impromptu Speaking category, National Level, <i>1st runner up</i> 	
<i>Participant</i>	Dasmariñas City, Cavite, 2016
<ul style="list-style-type: none"> • Competed in Impromptu Speaking category, Regional Level, <i>1st place</i> 	
UP PATALASANLAHI	UP Diliman, Quezon City
<i>Participant</i>	2016
<ul style="list-style-type: none"> • Competed in Impromptu Speaking category, National Level 	
UP PALAISIPAN	UP Los Baños, Laguna
<i>Participant</i>	2016
<ul style="list-style-type: none"> • Competed in Impromptu Speaking category, National Level 	
UP KALILAYAN TAGISAN	Tayabas City, Quezon
<i>Participant</i>	2015
<ul style="list-style-type: none"> • Competed in Impromptu Speaking category, Provincial Level, <i>2nd place</i> 	
UP OROQUIETA INTELLECTUALS' QUIZ	Tayabas City, Quezon
<i>Participant</i>	2015
<ul style="list-style-type: none"> • Competed in Impromptu Speaking category, Provincial Level, <i>2nd place</i> 	
SOUTHERN LUZON INTER HIGH SCHOOL DEBATE ENCOUNTER	UP Los Baños, Laguna
<i>Participant</i>	2014
<ul style="list-style-type: none"> • Competed in Asian Parliamentary debate format 	
<i>Participant</i>	2013
<ul style="list-style-type: none"> • Competed in Asian Parliamentary debate format 	

TECHNICAL COURSES

<ul style="list-style-type: none"> • Image Processing in Python 	DataCamp, October 2024
<ul style="list-style-type: none"> • Introduction to Statistics 	DataCamp, October 2024
<ul style="list-style-type: none"> • Introduction to SQL 	DataCamp, September 2024
<ul style="list-style-type: none"> • Understanding Machine Learning 	DataCamp, September 2024
<ul style="list-style-type: none"> • Intermediate Python 	DataCamp, September 2024
<ul style="list-style-type: none"> • Introduction to Python 	DataCamp, July 2024