

DAN MARK ORAPA

Bachelor of Science in Mathematics
he/him

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Caloocan, PH /hundround
/in/dorapa

SUMMARY

A student in science driven with passion to learn and translate mathematical interpretation of everyday occurrences in life. His passion drives him to better himself and his community with the resources handed to him all the while taking joy in discovering his interests.

SKILLS

Languages: MATLAB, Python, C, R.

Research: Mathematical Modeling, Machine Learning, Optimization

UNDERGRADUATE THESIS

Traffic Congestion Propagation Analysis using Dynamic Bayesian Graph Convolution Network

A deep learning approach, under graph convolution network, to propagation analysis using dynamic, probabilistic characteristic of congestion propagation applied in the local road section data of Caloocan and Quezon City (in progress.)

EDUCATION

9/2020 - x/20xx	University of the Philippines Diliman Graduating under Bachelor of Science in Mathematics	Undergraduate
8/2018 - 5/2020	Lagro High School Graduated with High Honors under STEM strand	Senior High
6/2014 - 4/2018	Manuel Luis Quezon High School Graduated with Honors	Junior High

ORGANIZATION

6/2022 - x/20xx	University of the Philippines Mathematics Club <ul style="list-style-type: none">Under Media and Creatives CommitteeCurrently working as the 103rd Anniversary Creatives Team Head<ul style="list-style-type: none">Orapa is currently leading the Creatives Team of the 103rd Anniversary Event of the organization. He is tasked to build the branding of the event as well as provide the required pubmats of the respective sub-events along with his team.
8/2022 - x/20xx	University of the Philippines Maroon Esports <ul style="list-style-type: none">Currently working as the Finance Committee Head A.Y. 2023-2024<ul style="list-style-type: none">Leading the team of three, Orapa spearheads the progress of the committee of a newly-built organization.
6/2022 - x/20xx	University of the Philippines Mathematics Majors' Circle <ul style="list-style-type: none">Under Secretariat Committee
8/2022 - x/20xx	University of the Philippines Gaming Guild/Oblation Esports <ul style="list-style-type: none">Under Esports Committee (playing for the Wild Rift team)<ul style="list-style-type: none">Under the Esports Committee, Orapa is a part of the UP Oblation Esports Wild Rift. Currently, he remains to be a part of the said team as "substitute" player.

NOTABLE ACHIEVEMENTS

x/2020 - x/2024	DOST-SEI Undergraduate Scholar
4/2023	AcadArena Collegiate Esports Competition 3rd Place, Aces April Leg
x/2014 - x/2018	Metrobank-MTAP-DepEd Math Competition <ul style="list-style-type: none">3rd Place, Regional Individual Finals Grade 103rd Place, Regional Team Finals, Grade 9

LANGUAGES

Filipino - native, English - 5, French - A2