Adriel Ong

RESEARCH PROJECTS

2019/08	*Markov Switching Model of Driving Decisions with Bounded Rationality*
	Developed a model and ran traffic simulations involving driving decisions incorporating bounded rationality.

EMPIRICAL PROJECTS

Undergraduate Thesis	*Developing a Provincial Destination Choice Model of the Philippines*
2019/08	Estimated the effect of factors affecting the choice of travel destination in the Philippines. Grew more proficient in discrete choice analysis, data cleaning, R, and presenting findings.
2019/03	*Route Assignment for Travel between Metro Manila Central Business Districts*
	Determined optimal route assignments for travelers between Makati, Ortigas, and Bonifacio Global City. First experience in optimization research. Grew more proficient in linear programming modeling
2018/12	*Mode Choice Analysis of New York City*
	Estimated the effect of factors affecting transport mode choice of New York residents. First experience in discrete choice analysis. Grew more proficient in data cleaning and Stata.
2018/08	*Estimation of the Lane–Mile Elasticity of Metro Manila Traffic*
	Estimated the magnitude of effect of road size and expansions on traffic in Metro Manila in the Philippines. First experience in Econometric Analysis. Grew more proficient in data gathering and R.

FORMATION

DECEMBER 2021	Master of Science in MATHEMATICS **De La Salle University**, Manila
DECEMBER 2019	Bachelor of Science in Applied Economics, Major in Industrial Economics **De La Salle University**, Manila Thesis: "Developing a Provincial Destination Choice Model of the Philippines" Advisor: Lawrence B. Dacuycuy GPA: 3.193/4.0 (2019/04)
MARCH 2016	**Colegio San Agustin**, Makati — Final Average: 92.95/100
Relevant Grades:	
Introductory Econometrics	3.5
Advanced Econometrics	4.0
Economics Thesis 1	4.0

LANGUAGES

ENGLISH:	Mother Tongue
TAGALOG:	Fluent
KAPAMPANGAN:	Basic Knowledge
KOREAN:	Textual Literacy

COMPUTER SKILLS

Intermediate Knowledge:	R, LaTeX, Stata
Basic Knowledge:	Python
Operating Systems used :	Kubuntu, Windows 10

INTERESTS AND ACTIVITIES

Mathematics, Microeconometrics, Time Series Econometrics
Transportation Research, Game Theory, Real Analysis, Markov Chain Modeling

REFERENCES

Lawrence B. Dacuycuy	lawrence.dacuycuy@dlsu.edu.ph
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Justin Raymond Eloriaga	justin_eloriaga@dlsu.edu.ph