ANG TENG YEN EUGENE

Institute of Operations Research and Analytics, NUS | eugene.ang@u.nus.edu

EDUCATION

National University of Singapore

B.Sc. Major in Applied Mathematics, Minor in Economics and Statistics (August 2017 – May 2021)
- Graduated with Highest Distinction

Ph.D. Operations Research and Analytics (August 2021 – Present)
- MOE AcRF Tier 3 Premium Scholarship

TECHNICAL SKILLS AND RESEARCH INTERESTS

Programming Tools: Python, R, SQL, Matlab, Stata, Java
Research Interests: Optimisation, Graph Theory, Network Analysis

PROJECTS AND RESEARCH EXPERIENCE

Honours Year Project (August 2020 – May 2021)
An Interpretable Intensive Care Unit Mortality Risk Calculator – Eugene T. Y. Ang, Milashini Nambiar, Yong Sheng Soh, Vincent Y. F. Tan
- Preprint: arxiv.org/abs/2101.07426
- To appear in 43rd Annual International Conference of the IEEE Engineering in Medicine and Biology Society

Greenhouse Gas Maritime Project @ NUS Energy Studies Institute (December 2020 – January 2021)
- Constructed gravity models on worldwide trade data using Python and Stata

Research in Industrial Projects @ NUS Institute for Mathematical Sciences (June 2020 – July 2020)
- Worked with the Ministry of Manpower to research on variables classification techniques
- Wrote several web-scraping codes in Python
- Designed supervised, deep, unsupervised natural language processing models in Python

Greenhouse Gas Maritime Project @ NUS Centre of Maritime Studies (June 2019 – October 2019)
- Did data analysis and modelling on worldwide maritime and trade data using Python and R

Undergraduate Research Opportunity Program in Science (January 2019 – May 2019)
- Did solo research on the geometry of convex real projective structures on a pair of pants

CO-CURRICULAR ACTIVITIES

NUS Intellectual Games Club, Chinese Chess Captain (2018 – 2019), **President** (2019 – 2020)
- Project Director of NUS Invitationals Chess Competition 2019, 2020

ADDITIONAL INFORMATION

Languages: English, Chinese
Awards: NUS Students' Sports Club Half-Colours Award, ORSS Prize 2021