

# LIN Xingyu

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## Education

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<b>National University of Singapore</b>	<i>Singapore</i>
PhD in Analytics & Operations	Aug 2022-Present
<b>Nanjing University</b>	<i>Nanjing, China</i>
Bachelor in Industrial Engineering	Sep 2018-Jun 2022

## Selected Prizes and Academic Scholarships

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- ◆ NUS Research Scholarship 2022
- ◆ Zheng Gang Scholarship for Humanities and Social Sciences 2020-2021
- ◆ First Prize, the 15<sup>th</sup> National Industrial Engineering Application Case Competition held by Tsinghua University 2020.12
- ◆ Ranking 9/1381, Service Scheduling Algorithm Design Competition held by Alibaba Cloud 2020.11
- ◆ National Scholarship for Undergraduates 2019-2020
- ◆ Second Prize of Scholarship offered by Chow Tai Fook Company 2018-2019

## Research Experience

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- ◆ Member of Nanjing University Operations Research Lab 2020.09-2022.06
  - ✓ Learn about combinatorial optimization and heuristic algorithms
  - ✓ Combine heuristic algorithms with machine learning, integrate reinforcement learning and column generation to solve CVRP problems
- ◆ Graduation Dissertation: Product Rollover and Pricing Strategies in the Presence of Strategic Consumers 2021.09-2022.06
  - ✓ Model customer utility in an innovative way
  - ✓ Consider irrational consumer behavior: time-inconsistency

## Additional Information

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- ◆ Programming Skills: Python, Java, MATLAB, R