

JUNHYEOK KIL

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EDUCATION

Purdue University Daniels School of Business

PhD in Quantitative Methods, expected 2030

Advisor: Tongseok Lim

Purdue University

BS in Data Science (Computer Science), 2025

BS in Mathematics, 2025

BS in Statistics (Mathematical Statistics), 2025

RESEARCH

“Physics-Informed Neural Networks to Accelerate Heat Transfer Predictions in Additive Manufacturing”

with Akshay Jacob Thomas, Eduardo Barocio, and Ilias Bilionis

SAMPE Conference Proceedings, pp. 1117–1130, 2025

TALKS

Purdue AI Research Showcase, 2026

SAMPE Conference and Exhibition, Indianapolis, 2025

TEACHING

Purdue University Department of Computer Science

TA for Intro to Artificial Intelligence (Undergraduate), Fall 2025

TA for Intro to Data Science (Undergraduate), Fall 2024

TA for Data Engineering in Python (Undergraduate), Spring 2024

AWARDS

Google Cloud Research Credits (\$25,000, PI: Tongseok Lim), 2026–2027

Gordon L. Walker Scholarship in Mathematics, Purdue University, 2024–2025

Travel Award, Northwestern University Quantum Summer School, 2024

Finalist, 10th Munich Re Cup North America, 2024