Jihoon **Nam**

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Education

POSTECH(Pohang University of Science and Technolog) *Pohang, S.Korea*
M.S. IN INDUSTRIAL AND MANAGEMENT ENGINEERING *Feb. 2023 -*
- IDEA Lab (Prof. Hyunbo Cho)

KNU(Kyungpook National University) *Daegu, S.Korea*
B.S. IN MATHEMATICS, COMPUTER SCIENCE AND ENGINEERING *Mar. 2017 - Feb. 2023*
- Military service, 2018.4-2019.12

Research Interests

Causal Learning, Smart Manufacturing, Industrial Applications of Artificial Intelligence

Experience

CHANGSIN INC *Busan, S.Korea*
RESEARCHER *Jan. 2023 - Feb. 2023*
- Lean Team
- Manufacturing Quality Data Analysis
- Machine Learning Based profit (on new products) Prediction.

ETRI(Electronics and Telecommunications Research Institute) *Daegu, S.Korea*
RESEARCH INTERN *Jul. 2021 - Aug. 2021*
- Medical IT Convergence Research Section
- Deep Learning Based ABP(Arterial Blood Pressure) regression project.

KNU(Kyungpook National University) *Daegu, S.Korea*
UNDERGRADUATE STUDENT RESEARCHER *Oct. 2020 - Jun. 2021*
- Data Science Lab

Honors & Awards

AWARDS

2022	**2nd Place**, ASME-CIE Hackathon, segmentation and optimization of medical images for digital twin	*ASME*
2022	**5th Place**, COVID-19 Cough Classification Competition(5/275)	*DACON*
2021	**Excellence Award**, Daegyeong Region Collegiate AI Programming Contest	*KNU*
2021	**3rd Place**, MATLAB AI Challenge	*MathWorks*
2021	**Excellence Award**, StartUp Contest	*KNU*
2021	**3rd Place**, AI Based BitCoin Trader Competition(3/159)	*DACON*

SCHOLARSHIPS

2022	**KNU**, Changhan Song Scholarship	
2022	**Wooseok Cultural Foundation**, Wooseok Cultural Foundation college student Scholarship	
2021	**KNU**, Scholarship for Multi-major operation revitalization project	
2021	**KNU**, Scholarship for University Innovation Support Project	
2021	**KNU**, Regional Leading University Scholarship	

Extracurricular Activity

SIGGRAPH Asia 2022 SV Program *Daegu, S.Korea*
STUDENT VOLUNTEER *Dec. 2022*
- Participant booth operation assistance and guidance activities

High School-University Linkage Program   *Daegu, S.Korea*

Instructor   *Apr. 2021 - Aug. 2021*

- Teaching Python programming for Kyunghwa Girls' High School Students

BART (Bigdata and AI Research Team)   *Daegu, S.Korea*

Core Member, President at 2021.6-2022.6   *Aug. 2020 - Dec. 2022*

- Learned a basic theory of ML and DL.
- Conducted the project related to AI and data analysis.