JINHO NAM

Centerville, OH

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EDUCATION

Bachelor of Science in Computer Science   December 2025

Wright State University   Dayton, Ohio

GPA: 3.96 | Dean's List

RELEVANT COURSES

- Applied Machine Learning
- Foundations of Artificial Intelligence
- Data Structure and Algorithms
- Intro to Software Engineering
- Intro to Database & Modeling
- Database Management Systems

SKILLS

- Java
- Python
- Java
- Oracle SQL
- Linux (WSL)
- Git & GitHub
- Docker
- MS Office Excel

PROJECTS

Fire Detection Model   April 2024
- Sourced a dataset of 240 fire and 240 non-fire images from Kaggle for supervised learning.
- Utilized MobileV2Net neural network architecture with the sigmoid activation function to classify images into fire or non-fire.
- Drew a confusion matrix and calculated accuracy and precision to evaluate the performance of the model.

Database for Payment Management System   November 2023 – December 2023
- Established an ERD model with Oracle modeler to visualize entities and their relationships.
- Generated DDL commands by injecting tables from Oracle modeler and by using Sequence for primary key.
- Populated test data for DML commands using Mockaroo based on real-world scenarios.
- Wrote various queries such as inner join, outer join, and nested queries to test the database.

School Course Catalog   September 2023 – December 2023
- Designed responsive web layout using media query in CSS to ensure the layout adjusts to different devices under the guidance of full-stack developers.
- Wrote codes for unit testing with Java to ensure each method at backend works as intended with the guidance of software engineers.

WORK EXPERIENCE

Teaching Assistant   *August 2024 – Current*

Wright State University   Dayton, Ohio
- Guide students through programming exercises and projects in Java, and grade those assignments.

Math Tutor   January 2023 – July 2023

Wright State University – Math Learning Center   Dayton, Ohio
- Mainly taught discrete mathematics concepts such as search algorithms, recursion, and base-n.

CBRN specialist   October 2018 – May 2020

Republic of Korea Army   South Korea
- Supported officers in office environment using MS Office Excel following directions with precision.

CERTIFICATION

Machine Learning   May 2024 – July 2024
- Certification(T9RK293VE76W) issued by DeepLearning.AI & Standford University on Coursera at July 24, 2024.

INVOLVEMENT

Wright State University   Dayton, Ohio

Korean Club Executive Board   January 2022 – April 2024
- Present about Korean language and culture using MS PowerPoint during club and school events.
- Emerging Leader Nominee and Collaborative Organization of the Year Nominee (2024).