

JINHO NAM

Dayton, OH

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EDUCATION

Bachelor of Science in Computer Science

Wright State University

GPA: 3.96 | Dean's List

December 2025

Dayton, Ohio

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
- C++
- Oracle SQL
- Linux (WSL)
- Git & GitHub
- MS Office Excel

PROJECTS

Fitness App

September 2024 – Current

- Managing GitHub repository for a group project such as branch management to ensure smooth workflows.

Fire Detection Model

April 2024

- Sourced a dataset of 240 fire and 240 non-fire images from Kaggle for logistic regression.
- Loaded MobileV2Net neural network with Tensorflow and utilized Adam optimizer to classify images into fire or non-fire quickly.
- Evaluated the performance of the model by calculating accuracy and precision including a confusion matrix.

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.

WORK EXPERIENCE

Undergraduate Teaching Assistant

August 2024 – Current

Wright State University

Dayton, Ohio

- Guide students through programming exercises and projects in Java, and grade their 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 & Stanford University on Coursera in July 2024.

INVOLVEMENT

Wright State University

Dayton, Ohio

- Tau Beta Pi (Invited, Engineering Honor Society)
- Korean Club Executive Board
- November 2023 – Current
- January 2022 – April 2024
- Emerging Leader Nominee and Collaborative Organization of the Year Nominee (2024).
- Presented about Korean language and culture using MS Office PowerPoint during club and school events.