JIHUN KIM

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EDUCATION

The University of Tennessee, Knoxville   Knoxville, TN
Bachelor of Science in Computer Science   Aug 2020-May 2024
Minors in Cybersecurity & Machine Learning

- Cumulative GPA: 3.98/4.0 | Dean's List: Fall 2020-Spring 2023
- Courses: Data Structures & Algorithms, Systems Programming, Software Engineering

EXPERIENCES

Oak Ridge National Laboratory   Knoxville, TN
Science Undergraduate Laboratory Internships   May 2023-July 2023

- Focused on Improving interoperability between different geographical categorization schemes using large language models.
- Utilized various functions of natural language processing tools, focusing on information retrieval and semantic search.
- Analyzed the collected data by visualizing it in various types of graphs like clustered bar graphs or boxplots.

University of Tennessee   Knoxville, TN
Engineering Physics Teaching Assistant   Aug 2022-May 2023

- Set up equipment to solve problems that involve physics knowledge.
- Assisted students to be prepared for future engineering courses.

Clarksville High School   Clarksville, TN
High School Math Tutoring   Sep 2019-Feb 2020

- Tutored high school students in Algebra I&II, Geometry, and Pre-Calculus at Clarksville High School.

PROJECTS

Creating a New Classical Song using Recurrent Neural Network   Apr 2023-May 2023

- Trained an AI using Recurrent Neural Networks by inputting lots of classical music.
- Created a new classical song using a trained model using TensorFlow in Python.

Re-design University Dining Website   Aug 2022-Dec 2022

- Re-design a university dining website using Typescript and Sass.
- Implemented pop-up window, menu board, and zoom button features.

ACTIVITIES

Mu Alpha Theta   Aug 2018-Mar 2020

- Helped organize math-related events to stimulate students' mathematical interest.
- Created math puzzles for Clarksville high school students.

HackUTK   Aug 2020-Present

- Learned about cybersecurity and the basic concepts of hacking.
- Helped to operate VOLHACKS V as supporting participants.

utkML   Aug 2020-Present

- Learned about machine learning and how it is used in real-life.