JIHUN KIM

C++, Python | Git, VS Code, Vim, Jupyter Notebook, Excel

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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 a large language model.
- Information retrieval and semantic search using natural language processing tools.
- Analyzed the collected data by visualizing it in clustered bar graphs or boxplots.

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

- Helped improve students' understanding of programs such as Excel and MATLAB.
- Contributed to increasing students' understanding of physical concepts.

PROJECTS

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

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

Implementing University Dining Website   Aug 2022-Dec 2022

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

ACTIVITIES

Hack4Impact   Sep 2023-May 2024

- Contributed to build tools for social goods.

utkML   Aug 2021-May 2024

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

HackUTK   Aug 2021-May 2024

- Learned about cybersecurity and the basic concepts of hacking.

AWARDS

OLCF Hands-On HPC Certificate, *Oak Ridge National Laboratory*   Jun 2023-Aug 2023

- High Performance Computing including Machine Learning, GPU Programming, etc.

Engineering Scholarship, *University of Tennessee, Knoxville*   Aug 2021-May 2023

- Awarded based on academic qualifications, extracurricular activities, leadership roles, and awards received in high school.