

JIHUN KIM

Python, C++ / Excel, Jupyter Notebook / Pandas, TensorFlow

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EDUCATION

The University of Tennessee, Knoxville	Knoxville, TN
<i>Bachelor of Science in Computer Science</i>	Aug 2020-May 2024
<i>Minors in Cybersecurity & Machine Learning</i>	
<ul style="list-style-type: none">Cumulative GPA: 3.98/4.0 Dean's List: Fall 2020-Spring 2023Courses: Data Structures & Algorithms, Systems Programming, Software Engineering	

EXPERIENCES

Oak Ridge National Laboratory	Knoxville, TN
<i>Science Undergraduate Laboratory Internships</i>	May 2023-July 2023
<ul style="list-style-type: none">Focused on improving interoperability between different geographical categorization schemes using a large language model.Utilized various natural language processing tools functions, focusing on information retrieval and semantic search.Analyzed the collected data by visualizing it in clustered bar graphs or boxplots.	
University of Tennessee, Knoxville	Knoxville, TN
<i>Engineering Physics Teaching Assistant</i>	Aug 2022-May 2023
<ul style="list-style-type: none">Set up equipment to solve problems that involve physics knowledge.Assisted students to be prepared for future engineering courses.	

PROJECTS

Creating New Classical Song using Recurrent Neural Network	Apr 2023-May 2023
<ul style="list-style-type: none">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.	
Implementing University Dining Website	Aug 2022-Dec 2022
<ul style="list-style-type: none">Designed a university dining website using Typescript and Sass.Implemented pop-up window, menu board, and zoom button features.	

ACTIVITIES

HackUTK	Aug 2020-Present
<ul style="list-style-type: none">Learned about cybersecurity and the basic concepts of hacking.Helped to operate VOLHACKS V as supporting participants.	
utkML	Aug 2020-Present
<ul style="list-style-type: none">Learned about machine learning and how it is used in real-life.	

AWARDS

Engineering Scholarship, University of Tennessee, Knoxville	Aug 2021-May 2023
<ul style="list-style-type: none">Awarded to appropriate students based on academic qualifications, extracurricular activities, leadership roles, and awards received in high school.	
OLCF Hands-On HPC Certificate, Oak Ridge National Laboratory	Jun 2023-Aug 2023
<ul style="list-style-type: none">High Performance Computing including Machine Learning, GPU Programming, etc.My Convolutional Neural Network model showed the highest accuracy at 66.67%.	