

JIHUN KIM

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

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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.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
<i>Engineering Physics Teaching Assistant</i>	Aug 2022-May 2023
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<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

Hack4Impact	Sep 2023-May 2024
<ul style="list-style-type: none">Contributed to build tools for social goods.	
utkML	Aug 2021-May 2024
<ul style="list-style-type: none">Learned about machine learning and how it is used in real-life.	
HackUTK	Aug 2021-May 2024
<ul style="list-style-type: none">Learned about cybersecurity and the basic concepts of hacking.	

AWARDS

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.	
Engineering Scholarship, University of Tennessee, Knoxville	Aug 2021-May 2023
<ul style="list-style-type: none">Awarded based on academic qualifications, extracurricular activities, leadership roles, and awards received in high school.	