

DONGJUN CHO

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EDUCATION

Johns Hopkins University

Master of Science in Computer Science
Concentration in Data Science and Cloud Computing
GPA: 3.45/4.0

Expected Graduation December 2022

University of California, Merced

Bachelor of Science in Computer Science and Engineering
GPA: 2.8/4.0

Aug. 2016 - Dec. 2019

Relevant Course works: Computer Architecture, Foundations of Algorithms, Operating Systems, Parallel Programming, Principles of Database Systems, Principles of Enterprise Web Development, Probability and Statistics, Software Engineering, Intro to Machine Learning, Cloud Computing

PROJECTS

My Portfolio Website

<https://whehdwns.github.io/DongjunCho/>

Machine Learning Algorithm

Implemented different types of machine learning algorithm from the scratch, such as KNN, Decision Tree, Neural Network, etc. for 6 datasets from UCI Machine Learning Repository in Python.

Jan. 2022 - Present

Covid19 California Cases Statistics

Analyzed datasets from covid19.ca.gov and visualized the Covid19 Statistics, demographics, and impact on hospitals using different types of visualization tools: Tableau, Power BI, Python, and R.

Jan. 2022 - Feb. 2022

Data Analysis Learning

Analyzed Kaggle datasets using Machine Learning Concepts in Python Jupyter Notebook. Investigated datasets such as Diagnostic, Fraud Detection, Trending Statistics, Sentiment analysis, Sales Forecasting, etc.

Mar. 2021 - Dec. 2021

Movie Reservation Database

Designed the movie reservation database ERD using MySQL Workbench. Composed database design project document to manifest physical and logical models of database design.

Sep. 2021 - Nov. 2021

Next Word Predictor

Built next word predictor application using shiny application in RStudio. Implemented with Natural Language Processing (NLP) and Text Mining.

Jul. 2020 - Aug. 2020

RESEARCH

UC Merced Research Assistant

- Measured the performance of the Intel Optane PC Persistent using BoxLib, Quantum-expresso in Linux.
- Developed android app that can load image datasets such as MNIST, SVHN from the SSD and automatically label those images.

May 2019 - Dec. 2019

SKILLS

Platforms: Windows, Linux, Bash, Git;
Language: Python, MySQL, SQL, Java, R;
Tools: Jupyter Notebook, MySQL Workbench, Power BI, Tableau, RStudio, Jira;
Software: MS Office;
Spoken Language: English, Korean.