DONGJUN CHO

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EDUCATION

Johns Hopkins University　　　　　　　　　　　　　　*Expected Graduation Spring 2023*
Master of Science in Computer Science
Concentration in Data Science and Cloud Computing
GPA: 3.45/4.0

University of California, Merced　　　　　　　　　　　　　　*Aug. 2016 - Dec. 2019*
Bachelor of Science in Computer Science and Engineering
GPA: 2.8/4.0

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

PROJECTS

My Portfolio Website
https://whehdwns.github.io/DongjunCho/

Covid19 California Cases Statistics　　　　　　　　　　　　*Jan. 2022 - Present 2021*
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.

Data Analysis Learning　　　　　　　　　　　　　　　　*Mar. 2021 - Dec. 2021*
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.

Movie Reservation Database　　　　　　　　　　　　　　*Sep. 2021 - Nov. 2021*
Designed the movie reservation database ERD using MySQL Workbench. Composed database design project document to manifest physical and logical models of database design.

Next Word Predictor　　　　　　　　　　　　　　　　*Jul. 2020 - Aug. 2020*
Built next word predictor application using shiny application in RStudio. Implemented with Natural Language Processing (NLP) and Text Mining.

Car Rental App　　　　　　　　　　　　　　　　　　*Aug. 2019 - Dec. 2019*
Built simple Car Rental Database using SQLiteStudio. Designed with UML/ER diagram. Implemented Car Rental system in Android Studio.

RESEARCH

UC Merced Research Assistant　　　　　　　　　　　　　*May 2019 - Dec. 2019*
- 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.

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.