

DONGJUN CHO

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EDUCATION

Johns Hopkins University

Master of Science in Computer Science
Concentration in Data Science and Cloud Computing
GPA: 3.0/4.0

Expected Graduation Spring 2023

University of California Merced

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

August 2016 - December 2019

Relevant Course works: Algorithm Design and Analysis, Artificial Intelligence, Computer Architecture, Computer Networks, Data Structure / Organization, Database Systems, Numerical Methods, Operating Systems, Parallel Programming, Probability and Statistics, Software Engineering

PROJECTS

My Portfolio Website

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

Data Analysis Learning

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

March 2021 - June 2021

Next Word Predictor

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

July 2020 - August 2020

Car Rental App

Built simple Car Rental Database using SQLiteStudio. Designed with UML/ER diagram. Implemented Car Rental system in Android Studio.

August 2019 - December 2019

Find This - Mobile App Challenge Spring 2019

Built android app, using Android Studio, that is geared towards educational institutions and intended for use between instructors and students. Collaborated with 3 group members.

January 2019 - May 2019

RESEARCH

UC Merced Research Assistant

May 2019 - December 2019

- First Research
Generated a large amount of input using Intel Optane DC Persistent Memory. Measured the performance for each input code from BoxLib, Quantum-expresso in Linux.
- Second Research
Developed android app that can load image datasets such as MNIST, SVHN from the SSD and automatically label those images. Measured the performance of image loading time. Generated images using image loader and SQLite.

SKILLS

Platforms: Windows, Linux, Bash, Git;
Language: Python, SQL, NoSQL, Java, C/C++, MATLAB, R, HTML, CSS, JavaScript;
Tools: Jupyter Notebook, Android Studio, Visual Studio, RStudio, Jira, Tableau, Power BI;
Software: Microsoft Office;
Spoken Language: English, Korean.