

# DONGJUN CHO

6745 Guitarfish Way Newark, CA 94560  
(949) 527-5978 dongjun819@gmail.com

## EDUCATION

---

### Johns Hopkins University

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

*Expected Graduation December 2022*

### 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/>

### 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*

### Data sorting Algorithm

Implemented different types of sorting and graph algorithm in C++. Measured the running time for algorithms.

*August 2018 - December 2018*

## 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

Built 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: Window 7/8/10, Linux, Bash, Unix shell, Git;

Language: Java, C++, C, Python, SQL, NoSQL, MATLAB, R, CUDA, JavaScript, CSS, HTML;

Tools: Android Studio, SQLite Studio, RStudio, Jupyter, Tableau;

Software: Microsoft Office;

Spoken Language: English, Korean.