

[Jacob Seungwon Choe]

[ownssi@berkeley.edu]

Education

[University of California, Berkeley] – [Berkeley, CA]

[Present]

Major: Computer Science

Courses: Structure and Interpretation of Computer Programs(CS61A), Data Structures(CS61B), Principles and Techniques of Data Science(DATA100), Discrete Mathematics and Probability Theory(CS 70)

Experience

[Software Engineer Intern]

– AI.vocate

[May, 2023] – [July, 2023]

1. Build chatbot database of over million documents using pandas
2. Implement chatbot using Swift and Hugging Face library

[Data Science Research]

– University of California, Berkeley - School of Law

[Jan, 2023] – [May, 2023]

<https://sec-rule-project.github.io/>

1. Build database of 1000 documents with pandas and SQL
2. Find hidden insights computational linguistics using scikit-learn and Spacy
3. Text analysis using Berkeley HPC system(Savio)

[Research Assistant]

– Biointelligence Lab, Seoul National University

[July, 2021] – [Oct, 2021]

1. Implemented hyperbolic word embedding(Using differential geometry for embedding) using Pytorch and Tensorflow

[Social Service Agent]

[Apr, 2017] – [Mar, 2019]

– Seoul Rehabilitation center on Intellectual Disabilities

1. Managed products data of trainees by statistical methods.
2. Assisted people with intellectual disabilities during vocational training sessions.
3. Offered a customized lesson for trainees in need of special care

Skills & Abilities

Skills: Java, Python, R, JavaScript, HTML, SQL, RegEx

Language: English, Korean, Japanese, German