[Jacob Seungwon Choe]

Email: ownssi@berkeley.edu, Website:https://ownssi.github.io/ownssi/, Phone: XXX-XXX-XXXX

Education

[University of California, Berkeley] — [Berkeley, CA]   [Present]

Major: Computer Science (GPA: 3.7)

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]

— Stealth Startup   [May, 2023] — [July, 2023]

1. **Build chatbot database** of 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] — [Aug, 2023]

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

1. **Build database** of 1000 documents with pandas and SQL
2. Derived insights through **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) and improved the performance of pre-existing embedding

[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, C, C++, JavaScript, HTML, SQL, RegEx, Scikit Learn, Pytorch, Pandas

Language: English, Korean, Japanese