

JISU KIM

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TECHNICAL SKILLS

Programming Languages: Python | SQL | Java | HTML | CSS | MATLAB | Shell

Tools/Systems: MySQL | Linux/Unix | Git | GitHub | LaTeX | Vim

Technologies/Frameworks: Statistics | Probability | Data Visualization | EDA | Machine Learning | Computer Vision | Scikit-learn | TensorFlow | Numpy | Matplotlib | Pandas | Seaborn | NLTK

WORK EXPERIENCE

Samsung Electronics America | Plano, TX

December 2022 - Current

Quality Assurance/Software Engineer

- Conducting automation tool to perform test cases on android system
- Writing automation script using Shell, Linux and Appium

PROJECTS

Footwear Business Analysis

[GitHub](#) | San Diego, CA

September 2022 - October 2022

- Cataloged the customer level with MySQL Workbench
- Analyzed the consumption trend per states and seasons using SQL procedures and functions

Car Price Prediction

COGS 118A Supervised Machine Learning Algorithms | San Diego, CA

April 2022 - June 2022

- Imported training data using Scikit-Learn and visualized important features
- Applied label encoding and one hot encoding to categorical data for improved feature extraction
- Built Supported Vector Machine(SVM) and Logistic Regression model to predict the used car price

Implementing Unsupervised Learning Algorithms

COGS 118B Introduction to Machine Learning | San Diego, CA

January 2022 - March 2022

- Explored three different unsupervised learning algorithms on the MNIST dataset
- Assembled Bernoulli distributions and K-Means on the dataset to cluster the digit images

Most common words on Amazon star ratings

COGS 118B Introduction to Machine Learning | San Diego, CA

January 2022 - March 2022

- Collected and cleaned data using Pandas and Numpy
- Implemented code to cluster words and effectively evaluated the most common words using NLTK

EDUCATION

University of California, San Diego | San Diego, CA

September 2019 - August 2022

B.S. in Cognitive Science Specialized Machine Learning and Neural Computation

Mathematics Minor

Green River College | Auburn, WA

September 2017 - June 2019

Mechanical Engineering Major