

HYUNHO LEE

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Education

University of Illinois Urbana Champaign, Illinois

Graduating in May 2021

BS, Computer Science & Statistics

Relevant courses : Data Structure, Algorithm, Statistics and Probability

Diablo Valley College, California

Jan 2018 – May 2019

AA, Statistics

Project

Git-hub: <https://github.com/danniely>

Price prediction of used cars

Python

Dec 2018 – Feb 2019

- Using real dataset of used cars in the United States, obtain samples with fixed size.
- By applying regression to the samples, deduce price drop tendency, categorized by each brand.
- For each car model, used html library to do web crawling, thus obtain the latest car price for each car.
- Allow users to find an estimated price for a car with given car brands, model, year and mileage.

Handwriting recognition

C++

Oct 2019 – Oct 2019

- Used 5000 samples of handwritten numbers to train the model and exported it as a separate file.
- Using Naïve Bayes classifier, calculated posterior probability of number categories (from 0 to 9).
- After training, classify 1500 test images and yielded the accuracy of the model.

Zombie Defense Game

C++

Nov 2019 – Dec 2019

- Using OpenFrameworks and Xcode, built 2-dimension top-down shooting game.
- Implemented projectile-motion based bullet and utilized adequate data structure to store them.
- Learned how to update/draw objects and images per frame.

Experience

Data Transcriber, *Naver*

Seoul, South Korea

Jan 2017 – Mar 2017

- Managed large data projects, including scheduling, data entry, and checking for accuracy.
- Located and corrected data entry errors and reported to management.
- Categorized scripts according to the topic using ROS nodes.

Data Science Club President, *Diablo Valley College*

Pleasant Hill, CA

Aug 2018 – May 2019

- Collaborated with on-campus career center to provide students useful information regarding transfer.
- Collected & analyzed CC to UC admission rates by each major and helped students to build transfer tragedies for their own dream schools.

Skills

Programming language

Web UI/UX

Database

Python

React

SQL

Java

HTML/CSS

C ++

R