

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.
- Used SQL and excel for the data management, and used Python for analytics and prediction.
- Data cleaning and regression was the main job of this project.
- 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

Backend Developer Intern, *Ikigai Labs*

Boston, MA

Jun 2020 – Aug 2020

- Used grpc protocol buffer to implement backend APIs (REST, Websocket).
- Integrated AWS services into the company's codebase to develop the web application platform.
- Experienced CI/CD using docker and jenkins.

Co-founder, *StudyMates*

Champaign, IL

Aug 2019 – Nov 2019

- Created a web platform which helps students to find their classmates to study or work together.
- Using React.js, established UI to make the group join/leave easy and concise.

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

Python, Java, C++, R

Web UI/UX

React, HTML/CSS

Database

SQL