

Yining “YN” Wang

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OBJECTIVE:

An internship or research opportunity that will allow me to utilize my problemsolving skills and attention to detail to further develop my abilities in the field of computer science.

EDUCATION:

University of California, Los Angeles, Los Angeles, California

Bachelor of Science in Computer Science, minor in Statistics, June 2021, GPA: 3.66

TECHNICAL SKILLS:

Upper Intermediate: C++, C

Intermediate: Python, PostgreSQL, R, LISP, Fathom, Shell Scripting, HTML

UPPER DIVISION CS CLASSES:

OPERATING SYSTEMS PRINCIPLES, DATABASE SYSTEMS, DATA MINING, FUNDAMENTALS OF ARTIFICIAL INTELLEIGENCE, ALGORITHM& COMPLEXITY

Ongoing: MACHINE LEARNING, NETWORK FUNDAMENTALS, COMPUTER GRAPHICS

EXPERIENCE:

* Software engineer intern, Tunec Technology, Nanjing, China, August 2019- September 2019

- implemented a facial recognition program embedded in a server cabinet access control system, using the face_recognition and CV2 package

- incorporated multithreading to boost the performance

* Tutor, UCLA UPE, September 2018- January 2019

- tutored computer science lower division classes

PROJECTS:

* “Nachenblaster”, Jan 2018

- created a 2-D air combat game using C++ with heavy use of OOP and polymorphism

* Movie Rate Prediction, February 2019

- created a Python program predicting how a person would love a movie using linear regression, k-means, clustering, and PCA

* “TuneSearch”, April 2019

- created a search engine for song lyrics using PostgreSQL and python

* Reddit comments political sentiment analysis, April, 2019

- preprocessing comments in json form from r/politics using spark and analyzing it using logistic regression

* “Simpshell”, Jan 2019

- system programming, used c to create a simple shell that takes in bunch of parameters to implement the shell commands in a more efficient way

Research:

Research on education resources allocation, Oct, 2016

- built a linear regression model on education resources allocation

- awarded third prize in Shing-Tung Yau Math Competition in Applied Math

ACTIVITIES:

UCLA UPE (Upsilon Pi Epsilon, Computer Science Honor Society), 2018 Fall-present

UCLA Dragon Boat Team (First Division Club Sport), 2018 Fall-present