

Yuxuan Fan

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EDUCATION

UC SAN DIEGO

BS IN DATA SCIENCE

2018 - 2021 (Expected) | La Jolla, CA

Halicioglu Data Science Institute

Provost Honor

Cum. GPA: 3.95 / 4.00

Major GPA: 3.98 / 4.00

LINKS

Portfolio:// yuxuan.fan

Github:// [991231](https://github.com/yx991231)

LinkedIn:// [yxfan](https://www.linkedin.com/in/yxfan)

COURSEWORK

UNDERGRADUATE

Data Structure and Algorithm

Object-oriented Programming

Data Mining

Machine Learning

Deep Learning

Database

Data Visualization

Natural Language Processing

SKILLS

LANGUAGE

Mandarin (Simplified Chinese) •

English • Korean

PROGRAMMING LANGUAGE

Python • Java • SQL • JavaScript • HTML

• CSS • Shell

LIBRARIES AND FRAMEWORKS

Data

Scikit-Learn • Pandas • Pytorch • MySQL

• MongoDB • Spark • Hadoop

Web

ReactJS • Redux • Flask

EXPERIENCE

UC SAN DIEGO | ACADEMIC TUTOR

September 2019 - Present | La Jolla, CA

- Tutored 3 courses (DSC 20/30/40B) that introduce programming in Python and Java, basic data structure and algorithms, and theoretical concepts of machine learning.
- Designed 10+ programming assignments on data structure applications and object-oriented programming.
- Helped 300+ students by hosting online and in-person office hours.

UCSD CHINESE COMPUTER COMMUNITY | TECH LEAD

September 2019 - Present | La Jolla, CA

- Led a team that participates in Kaggle competitions on CV/NLP fields. Hosted introductory workshops to deep learning concepts and Pytorch.
- Developed a dashboard-liked web app that provides sales forecasting and analytics for restaurants. Implemented a time-series forecasting pipeline using python and frontend dashboard using ReactJs and charting libraries.

PROJECTS

DATA SCIENCE COMPETITIONS 2020

- UCSD DSC 190A Data Mining Challenge (1st/215, Airbnb Data)
- UCSD DataHacks 2020 (2nd/213, Uber Data)

DATA VISUALIZATION: EVOLUTION OF TIKTOK March 2020

An interactive and responsive data visualization for TikTok's growth statistics. Used pure HTML/CSS for skeleton, HighChart for creating charts, and TikTok API for trending videos.