Shaolong Li

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Education

University of California San Diego   GPA: 3.853/Major 3.97/Minor 3.90 Provost Honors * 6

B.S. in Cognitive Science (w/ Machine Learning), Computer Science Minor (expected June 2023)

Course Highlight: Basic Data Structures and OO Design, Software Tools and Techniques Laboratory, Mathematics for Algorithms and Systems, Computer Organization and Systems Programming, Advanced Data Structures, Data Science in Practice, Introduction to Machine Learning II Unsupervised Learning, Software Engineering, Theory of Computability, Recommender Systems and Web Mining

Experiences

UCSD Computer Science & Engineering Department (Tutor)

01/2022-present
- Held office hours for CSE100, developed a framework for teaching the implementation of common data structures
- Helped students with weekly programming assignments and responded to questions on the course discussion board

UCSD Cognitive Science Department (Instructional Assistant)

01/2022-03/2022, 09/2022-present
- Facilitated the teaching of COGS118b Unsupervised Machine Learning and COGS100 Cyborgs Now and in the Future
- Graded homework, held weekly office hour, responded to discussion board questions

Projects:

PCA K-means Market Predicting

Employed machine learning algorithms to cluster customer groups and predict their purchasing power

Terrorist Attacks Predicting Analysis

Explored the relationship between the frequency of terrorist attack and factors like GDP/location/government type/CO_2 emission

Rent The Runway Rating Prediction

Employed Web Mining technique and Recommender System to do customer reviews rating prediction.

Leadership

UCSD Chinese Computer Community (Operation Department Officer)

06/2021-present
- Oversaw the day-to-day community building and social media outreach
- Organized hackthons, happy hours, workshops, and talks to enhance the learning experience and professional development of members

Skills

- Python, Java (Android), C++, JavaScript (Node.js, Vue.js), HTML