Xinyuan (Ella) Li

ell024@ucsd.edu | Cell: (612) 458-9922 | Linkedin: www.linkedin.com/in/ellali86

SUMMARY

Motivated and adaptable student with a strong foundation in mathematics, programming (Python, Java), and analytical problem-solving. Proficient in Microsoft Office and Google Workspace, with leadership experience and excellent communication skills. Eager to contribute my skills and adaptability to internship opportunities in Finance, Technology and Data Science, while gaining valuable experience and building a strong foundation for long-term professional success.

EDUCATION

University of California, San Diego (UCSD)
Bachelor of Science, Data Science Expected June 2028

SKILLS

Programming: Python, Java
Tools: Microsoft Office Suite, Google Suite, Canva
Languages: English (fluent), Mandarin (native)

Relevant Experience

Tutor, Halıcıoğlu Data Science Institute, UCSD September 2025 - present
- Tutored for UCSD's DSC10: Principles of Data Science, reinforcing core concepts such as regression, permutation testing and Python programming in Jupyter Notebooks
- Managed course website content through GitHub, including releasing weekly labs and midterm/final projects
- Led weekly course discussion (1 hour/week), pod/quiz meeting(1 hour/week), hosted office hours (2 hours/week) and one-on-one quiz/midterm review to support student learning and problem solving
- Graded assignments, labs, quizzes, and exams to provide consistent and constructive feedback

Data Scientist Intern, IDX Exchange (Remote) Summer 2025
- Built and evaluated ML models to predict home prices using historical real estate transaction data from CoreLogic's Trestle API
- Performed data cleaning, feature engineering, and exploratory analysis on housing datasets using Python (pandas, NumPy, scikit-learn, Jupyter, Git)
- Compared regression algorithms (e.g., Linear Regression, Random Forest, XGboost), selecting the best model based on R-square and MAE
- Participated in weekly team reviews, gave presentations on modeling strategies, and received feedback from senior data scientists
- Contributed to internal documentation and best practices for model reproducibility

PROJECT EXPERIENCE

Creator, Presenter, "Pokémon", DS3 DataHacks 2025 April 2025
- Developed a data-driven Pokémon team recommender system using Python and Streamlit, enabling users to input preferences (eg. high attack, balanced stats) and receive optimized team suggestions based on ranked attribute analysis
- Engineered custom scoring algorithms to evaluate and prioritize Pokémon from Kaggle datasets
- Designed an interactive web interface with file input flexibility or manual entry

Content Creator, Speaker, Translator, FindingSchool Live Stream February 2024 - March 2024
- Collaborated with the Mounds Park Academy (MPA) admissions office to develop a virtual tour video, enhancing outreach to prospective international students in China
- Translated school materials into Chinese and developed a virtual tour video, improving accessibility for non-English speaking audiences
- Represented MPA as a student ambassador by hosting a live-streamed 40-minute FindingSchool, effectively promoting the school to international prospects

LEADERSHIP

Orientation Leader, Warren College, UCSD April 2025 - present
- Led tours and facilitated discussions for 50+ new students(first-years and transfers) to support campus transition
- Fostered inclusive small-group dialogues, managing conflicts and ensuring sessions stayed on schedule
- Presented campus resources in 30-minute panels to around 300 students, incorporating survey-driven peer Q&A
- Communicated group needs and updates to leadership promptly through email, text, and in-person channels

Events Member, Warren College Student Council, UCSD September 2024 - September 2025
Collaborated in weekly meetings to coordinate event planning and monitor progress
- Successfully planned and executed Warren College events, including Hallowarren and Winter Warrenland, fostering campus engagement
- Managed event budgets ($27,581) to efficiently allocate resources for event-related expenses