MARIO PENG LEE

Hello! I'm a fourth-year undergraduate student at UCLA pursuing a double major in Linguistics & Computer Science and Psychology, with a minor in Data Science Engineering. I come from a strong technical background and have acquired professional analytical and problem-solving skills. Actively seeking a long-term professional commitment where I can truly become an integral part of the team.

ACCOMPLISHMENTS

- Designed and launched 3 AI Safety Projects, raising over $20k in research grant money.
- Completed the Diverse Names Generator Project and rose over $2000 in research awards.
- Supervised team of 12 researchers as President of the Alignment Research Team.
- Published Linguistic and NLP research at the LSA, USJ, URW as an independent undergraduate researcher.
- Built my own electric guitar from scratch!

SKILLS

C++
JavaScript
Python
Problem-Solving
Collaboration
Communication
Version Control
Time Management
Flexibility & Adaptability
Machine Learning
UI/UX
Research methodologies

LANGUAGES

Chinese - Proficient
Spanish - Native
English - Proficient
Italian - Novice
Cantonese - Novice
Lithuanian - In Progress

CERTIFICATES

- Stanford Artificial Intelligence Professional Program
- Licensed Electromechanical Technician
- CITI for Human Research Training

HOBBIES

Music Composition
Language Learning
Game Development
Photography
Cardistry
Cooking
Fitness
PADI Open Water Diver

EDUCATION

UCLA. Expected June 2024
B.A. Linguistics & Computer Science | B.S. Psychology
Data Science Engineering minor

- 3 competitive research scholarships
- Published linguistic research paper and 2 machine learning projects
- Founder of an engineering club with 50 active members
- Editor at Undergraduate Research Journal of Psychology
- Nominated member of Upsilon Pi Epison, CS honor society

Relevant Coursework

Programming languages, algorithms and complexity, data structures, user experience, computational linguistics.

RELEVANT PROJECTS

In Progress

- Leading 3 person team, mobile app for motivation and self-improvement. React Native (Expo) + MongoDB
- Leading 2 person team, webapp, restaurant management software. React (Vite) + Typescript + Django

Completed

- Lead Frontend Engineer, mobile app for research. Unity C# + Firebase
- Personal project, video game development in Unity C#.

RELEVANT EXPERIENCE

Alignment Research Team - Founder & Project Manager
Los Angeles, CA, 09/22 - Current

- Edited, reviewed and supported grant applications to provide comprehensive funding for research objectives. Obtained over 80k in individual and group grants for research projects.
- Investigated, compiled and modeled information for detailed project proposals.
- Planned detailed and successful research roadmaps, effectively delegated tasks according to expertise.
- Conveyed technical information in easily understood terms for non-technical individuals.

LCD Lab At UCLA - Research Assistant & Software Developer
Los Angeles, CA, 04/23 - Current

- Developed high-performance, reliable, testable and maintainable code for research experiments using Python and Psychopy software.
- Worked both independently and collaboratively in fast-paced laboratory environment.
- Performed statistical, qualitative and quantitative analysis.
- Planned, modified and executed research techniques, procedures and tests.

Language Acquisition Lab At UCLA - Research Assistant & Web Manager
Los Angeles, CA, 01/23 - Current

- Designed UI/UX according to user feedback through standardized surveys.
- Developed effective skills in communication and psycholinguistics as result of working independently in deadline-oriented setting.
- Deployed multiple research projects and websites in HTML and Javascript using React framework.

Redwood Research - Research Associate
Berkeley, CA, 06/22 - 09/22

- Presented research findings in front of large varied audience using representative graphs and charts.
- Validated incoming data to check information accuracy and integrity while independently locating and correcting concerns.
- Helped team meet regulatory requirements by coordinating documentation and filings. Set up equipment, organized inventory and maintained facilities.

Debmedia - QA Intern
Buenos Aires, Argentina, 03/19 - 10/19

- Collaborated with developers and product owners to stay current on product features and intended functionality.
- Proposed development and testing improvements to positively impact usability, function and performance.
- Participated in all aspects of software development activities, including design, coding, code review, testing, bug fixing, and code/API documentation.
- Increased customer satisfaction by 2 points in a 10 point likert scale through adherence to quality standards and clear communication with clients.