

# MARIO PENG LEE

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## EDUCATION

### University of California, Los Angeles (UCLA), Los Angeles, CA

Expected June 2024

B.A. Linguistics & Computer Science, B.S. Psychology

- Minor in Data Science Engineering.
- Relevant course work: Computational Linguistics, Algorithms and Complexity, Applied Phonetics, Syntax, Semantics, Computational Linguistics, Software Construction, Research Methodology, Developmental Psychology, Sensation and Perception.
- GPA: 3.9 / 4.0 (Magna Cum Laude)
- Upsilon Pi Epsilon (UPE), CS Honor Society.
- Founder of AI Safety at UCLA, a research-oriented club studying ethical and human-compatible Artificial Intelligence. President of the Alignment Research Team.
- Organizer at EA at UCLA, UCLA's community for Effective Altruism.
- Editor at the Undergraduate Research Journal of Psychology. (URJP).
- Research Assistant for the Language Acquisition Lab.

### Stanford University, Online

Expected March 2023

Artificial Intelligence Professional Program

- Relevant coursework: Natural Language Processing with Deep Learning, Natural Language Understanding, Deep Multi-Task and Meta Learning (IP).

## EXPERIENCE

### UCLA Linguistics Department, LA, CA

Research Assistant / Full Stack Developer

January 2022 - Present

- Designed and developed mobile app in C# and website with React with efficient database infrastructure using Firestore database.
- Compiled and maintained 30 pages of full-stack documentation and backup for applications.
- Transcribed and corrected over 1000 names from 60 different languages to IPA for research paper.

### Debmedia, Argentina, Buenos Aires, CABA

Software Analyst QA Intern

March 2019 - October 2019

- Directed meticulous analysis on code effectiveness and efficiency; Kept track of each error in organized spreadsheets for team's convenience. Found over 20 major bugs in first month.
- Led weekly discussions with programming team to research, collaborate and come up with creative multi-perspective solutions to each software malfunction.
- Conducted Research on Java, Python, Javascript, C++, and Rust for codebase migration operation.

## TECHNICAL SKILLS

- Languages: English | Chinese | Spanish
- Programming Languages: C++ | C# | Python | Javascript | HTML + CSS | OCaml | Assembly | G-code | Lisp
- CS Technologies: Git, Cloud Computing, MERN stack, App Deployment, Pytorch/TF.
- Research Technologies: Zotero | Prat | Jamovi.
- Adobe Creative Suite.

## AWARDS

- Scholarships: Research Revealed (2022) | Verl Marie Pointer Fund (2022) | Linguistics Travel and Research Award (2022) | Undergraduate Research Travel Grant (2022)
- Grants: FTX Future Fund Regrant Program (2022) | Long-Term Future Fund (2022) | Open Philanthropy Action Fund (2022, 2023)

## CERTIFICATIONS

- The North American Summer School in Logic, Language, and Information (2022): computational approaches to logic, dialogue, and modular semantics.
- Philips Electromechanical Technician (2019): Certified bilingual electromechanical technician, with professional knowledge of industrial machinery, motors, generators, and advanced electrical circuits.