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

- Relevant course work: Computational Linguistics, Algorithms and Complexity, Applied Phonetics, Syntax, Semantics, Applied Phonology, Software Construction, Research Methodology.
- GPA: 3.9 / 4.0 (Magna Cum Laude)
- Upsilon Pi Epsilon (UPE), CS Honor Society.
- Founder and Research Facilitator at AI Safety at UCLA, a research-oriented club studying ethical and human-compatible Artificial Intelligence.
- Organizer at EA at UCLA, UCLA's community for Effective Altruism.

Stanford University, Online — Expected March 2023

Artificial Intelligence Professional Program

- Relevant coursework: Natural Language Processing with Deep Learning, Natural Language Understanding, Artificial Intelligence Fundamentals

EXPERIENCE

UCLA Linguistics Department, LA, CA

Research Assistant / Full Stack Developer — January 2022 - Present

- Designed and developed mobile app in C# with efficient database infrastructure using Firestore database; assisted and supervised in app's website counterpart programmed in React.js.
- 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. Presented project at LSA.

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.

Plastime, Argentina, Buenos Aires, CABA

Interpreter Technical Translator — October 2019

- Collaborated in setup and adjustment of machinery with over 10 international providers; executed engineering specific translations between English, Spanish, and Chinese.
- Conducted specific in-depth research on 5 different machines to ensure communication and understanding.

TECHNICAL SKILLS

- Languages: English | Chinese | Spanish | Cantonese | Italian.
- Programming Languages: C++ | C# | G-code | Python | Javascript | HTML + CSS.
- CS Technologies: Git | Node, React, Next.js | NumPy/Matplotlib | Jupyter notebook/Google Collab | Azure, Heroku | Pytorch/Tensorflow | Unity.
- Research Technologies: Zotero | Prat | Jamovi.
- Adobe Creative Suite.

AWARDS

- Scholarships: Research Revealed (2022) | Verl Marie Pointer Fund (2022)
- Grants: FTX Future Fund Regrant Program (2022) | Long-Term Future Fund (2022) | Open Philanthropy Action Fund (2022)

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.