

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: Applied Phonetics, Syntax, Semantics, Applied Phonology, Object Oriented Programming, Data Structures, Assembly, Optimization, Research Methodology.

Stanford University, Online

Expected March 2023

Artificial Intelligence Professional Program

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

University of Southern California, Online

June 2022

NASSLLI 2022

- Relevant coursework: Topic shift in conversation: A computational approach to relevance and coherence, Finite-state text processing, Phono-logical reasoning, Multiparty and multi-floor dialogue structure, Dialogue across the lifespan, Semantics as the study of a modular system

EXPERIENCE

AI Safety at UCLA, LA, CA

Co-founder / Research Director

March 2022 - Present

- Directed AI Timelines Workshop; accelerated 15 attendees in AI safety research, grant application, and career planning.
- Initiated club, recruited 30 promising members, and facilitated 2 research paper reading groups

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 the 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 Collabs | 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 for AI safety research (2022) | Long-Term Future Fund Stanford Tuition (2022) | Open Philanthropy Action Fund (2022)