

MARIO PENG LEE

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EDUCATION

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

Expected June 2024

Linguistics & Computer Science, Psychology

- Relevant course work: Applied Phonetics, Syntax, Applied Phonology, Object Oriented Programming, Data Structures, Assembly, Optimization, Research Methodology and Statistics.

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.
- Mentored undergraduate students in AI safety research topics and job opportunities for two quarters.

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.

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.
- 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 | Unity.
- Research Technologies: Zotero | Prat | Jamovi.
- Adobe Creative Suite.

CODING PROJECTS

- See personal website. mariopenglee.com
- Next.js App with Open AI GPT-3 API integrations.
- Blue Light Alley, branching dialogue RPG in C# (Unity).
- Procedural Dungeon Generation in C# (Unity).
- Chronondrum, LD49 team leader, Top Down Shooter in C# (Unity).
- Journey to the Dreamy Nebulae, idle mobile game in C# (Unity).
- Handwriting Recognition ML CNN algorithm in Pytorch. (Jupyter Notebook).

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 Online Tuition (2022)
- Course Certificates: NASSLLI, USC 2022 | AIPP, Stanford (1/3) 2022.