

# MARIO PENG LEE

www.mariopenglee.com | +1 (469) 838-0110 | mariopeng@g.ucla.edu | linkedin.com/in/mariopenglee

## 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

### Effective Altruism at UCLA, LA, CA

AI Safety Research Organizer

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.js | React.js | NumPy/Matplotlib | Jupyter notebook | Azure | Pytorch | Unity.
- Research Technologies: Zotero | Prat | Jamovi.
- Adobe Creative Suite.

## CODING PROJECTS

- Personal Website (HTML + CSS + Javascript)
- 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)
- Course Certificates: NASSLLI, USC 2022 | AIPP, Stanford (1/3) 2022.