

Lareine Jeng

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Select Work Experience

Google

Mountain View, CA

Software Engineer

September 2021 - Present

- *Android & Business Communication.* Built a robust Business Messages web client experience with a path to sustainable monetization. Built a scalable product and drove many key features where users and businesses can communicate efficiently over chat and conduct customer support and commerce, while also partnering closely with teams across Google including Maps, Ads, Commerce and Pay.
- Received a peer bonus in April 2022 for finding the root cause of flaky mobile system health tests.
- Conducted software engineering interviews.

AI Foundation

San Francisco, CA

Research Engineer

December 2020 - July 2021

Advisor: Joscha Bach

- *Team Platform Engineering,* March - July 2021. Developed small-scope modules for trained convolutional neural network models for emotion recognition.
- *Team Cognitive Research,* December 2020 - March 2021. Conducted research in computer vision and artificial intelligence.

Junior Research Engineer

November - December 2020

- *Team Cognitive Research.* Developed a visual signal processing algorithm called Eulerian Video Magnification, which pulls out subtle changes from videos that are invisible to the naked human eye.

International Olympiad in Informatics (IOI) Team of Macedonia

Macedonia (Remote)

National Coach

August - November 2020

- Trained Macedonia's four IOI team selectees for IOI 2020. The team won three bronze medals.

C2 Education

Livingston, NJ

Teacher

October 2017 - October 2018

- Taught AP Physics 1/2/B, AP Calculus AB/BC, AP Statistics, and AP Computer Science A/Principles.

Recurse Center

New York, NY

Participant

July - September 2016

- Received a grant to work on a research project on formal methods and computational complexity theory.

United States Census Bureau

Rocky Hill, NJ

Crew Leader

April - August 2010

- Trained and supervised 25 enumerators and three crew leader assistants for field operations.

Crew Leader Trainee

April 2010

Derektor Shipyards

Bridgeport, CT

Naval Architecture & Marine Engineering Intern

January - February 2010

Education

Cooper Union

New York, NY

B.S.E.

Publications

- Neumann M, Wang Y, Kim S, Hong SM, **Jeng L**, Bilgen M & Liu J. Assessing gait impairment following experimental traumatic brain injury in mice. *Journal of Neuroscience Methods*.