

Select Work Experience

Google

Mountain View, CA

Software Engineer

September 2021 - Present

- *Android & Business Communication.* Build a robust Business Messages for Android experience with a path to sustainable monetization. Build a scalable product and drive 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.
- Conduct software engineering interviews.

AI Foundation

San Francisco, CA

Research Engineer

December 2020 - July 2021

- *Team Platform Engineering,* March - July 2021. Developed the Emotion Engine.
- *Team Cognitive Research,* December 2020 - March 2021. Conducted research and developed algorithms in artificial intelligence, computer vision, NLP, speech synthesis. Trained convolutional neural network models for emotion recognition. Developed and tested AI models and GANs.

Junior Research Engineer

November - December 2020

- *Team Cognitive Research.* Explored the augmentation of a model of arousal / heart rate with an example implementation of Eulerian Video Magnification.

International Olympiad in Informatics (IOI) Team of North Macedonia

North Macedonia (Remote)

National Coach

August - November 2020

- Trained North 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

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

Bachelor of Science of Engineering, minor in Computer Science

- Full merit scholarship for four semesters
 - Half merit scholarship for three semesters and two summer semesters
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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*.