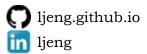
# Lareine Jeng





## **Work Experience**

AI Foundation United States (Remote)

Research Engineer

2020 - Present

• Develop small-scope modules for trained convolutional neural network models for emotion recognition.

Junior Research Engineer

2020

2020

• Developed a computer vision 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)

Coach

• Trained Macedonia's four IOI team selectees for IOI 2020. The team won three bronze medals, making this the second-best performance in Macedonian history.

C2 Education Livingston, NJ

Non-Compete 2018 – 2020

Teacher 2017 – 2018

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

Recurse Center New York, NY

Participant

2016

• Received a grant to work on programming languages, data structures & algorithms, discrete mathematics, and software engineering & large systems design at a programmers' sabbatical.

Derektor Shipyards Bridgeport, CT

Naval Architecture & Marine Engineering Intern

2010

#### **Education**

Cooper Union New York, NY

Civil Engineering

Full-tuition merit scholarship

Webb Institute Glen Cove, NY

Naval Architecture & Marine Engineering

- o Full-tuition merit scholarship
- Fischer Dunderberg Scholarship
- o Dean's List

Relevant Coursework: Programming and Applications, Engineering Design and Problem Solving, Introduction to Computer Science, Engineering Professional Development Seminars

#### **Publications**

Neumann, M., Wang, Y., Kim, S., Hong, S. M., **Jeng, L.,** Bilgen, M., & Liu, J. (2009). Assessing gait impairment following experimental traumatic brain injury in mice. *Journal of Neuroscience Methods*, *176*(1), 34-44. doi:10.1016/j.jneumeth.2008.08.026. [Cited by 86.]

#### Skills

Java, data structures and algorithms, Python, C++, software engineering, JavaScript