

# Lareine Jeng



(501) 749-8384

lareine@alum.recurse.com



ljeng.github.io

ljeng

## 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

- 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

2020

- 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.
- Attended on-the-job training on C++ and advanced data structures during the off-season.

### 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

- Full-tuition merit scholarship
- Dunderberg Undergraduate Student Prize, a \$1,000 scholarship covering non-tuition costs
- Dean's List

---

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

## 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*, 176 (2009), 34-44. doi:10.1016/j.jneumeth.2008.08.026. [Cited by 87.]

## Skills

---

Python, data structures & algorithms, Java, software engineering, artificial intelligence, C/C++