

Lareine Jeng



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ljeng.github.io

ljeng

Work Experience

AI Foundation

United States (Remote)

Research Engineer

2020 – Present

- Develop algorithms in computer vision and augmented reality to assess the emotional states of humans in videos based on signals that may or may not be visible to the human eye.

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.

C2 Education

Livingston, NJ

Non-Compete

2018 – 2020

Teacher, Computer Science & Mathematics

2017 – 2018

- Taught AP Computer Science Principles/A, AP Statistics, and AP Calculus AB/BC.

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 self-directed, community-driven 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
- Fischer Dunderberg Scholarship
- Dean's List

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

Skills

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