Lareine Jeng

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ljeng.github.io

ljeng

Work Experience

AI Foundation   United States (Remote)
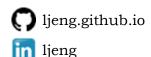
Research Engineer   2020 – Present
- Develop algorithms in computer vision and augmented reality to capture emotional states in videos based on signals that may or may not be visible to the human eye.

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