

# Lareine Jeng



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ljeng.github.io



ljeng

## Work Experience

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### International Olympiad in Informatics (IOI) Team of Macedonia

Macedonia (Remote)

Coach

2020 – Present

- 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.
- Attend on-the-job training on program synthesis, C++, advanced data structures, and software performance testing during the off-season.

### C2 Education

Livingston, NJ

Non-Compete

2018 – 2020

- Spent more than a year employed full time in a non-competing industry and six months contributing to an open-source project funded through GitHub Sponsors.

Teacher, Computer Science & Mathematics

2017 – 2018

- Taught AP Computer Science Principles/A, AP Statistics, and AP Calculus AB/BC.
- Received bonus three times for the best team performance for the month based on revenue from student sign-ups.

### 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.
- Developed a large software project in Python – a reputation-based algorithm for autonomous machines to make ethical decisions and a demo of the algorithm in action.

### Derektor Shipyards

Bridgeport, CT

Naval Architecture & Marine Engineering Intern

2010

## Education

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### Cooper Union

New York, NY

Civil Engineering

- Full merit scholarship

### Webb Institute

Glen Cove, NY

Naval Architecture & Marine Engineering

- Full 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

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