Lareine Jeng

📞 (501) 749-8384

✉️ lareine@alum.recurse.com

ljeng.github.io

ljeng

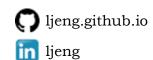## Work Experience

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

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 students sign-ups.
- Built a spreadsheet add-on that uses binary search to find billing errors in business data in C2 Education's Smart2 tuition billing system.

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.
- Designed an algorithm for construction of ethical frameworks for autonomous machines. The algorithm was featured in the technical blog "Through the Ocean."

Derektor Shipyards — Bridgeport, CT

Naval Architecture & Marine Engineering Intern — 2010

Education

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

Java, data structures & algorithms, C++, Python, object-oriented design, software engineering