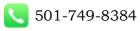
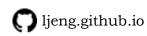
Lareine Jeng





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PROFESSIONAL EXPERIENCE

C2 Education Livingston, NJ

Computer Science and Statistics Teacher

2017 - 2018

- o Taught AP Computer Science Principles/A and AP Statistics.
- Scored 93% and 97% on C2 Education's pre-employment exams on computer science and statistics respectively.

Recurse Center New York, NY

Participant

2016

• Received a grant to learn about programming languages, data structures and algorithms, and discrete mathematics in a programmers' sabbatical.

Skills: Python, technical communication, R, statistics, Java, data mining

EDUCATION

Cooper Union New York, NY

Civil Engineering

o Full merit scholarship

Webb Institute Glen Cove, NY

Naval Architecture & Marine Engineering

- o Full merit scholarship
- o Fischer Dunderberg Scholarship
- o Dean's List

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

OPEN-SOURCE CONTRIBUTIONS

Cheat Sheet 2019 – Present

- A well-documented collection of data structures and algorithms templates commonly used for competitive programming.
- Received \$4,925 of funding through GitHub Sponsors and over 150 stars.

Self-Driving Car Simulator

2016

 A model written in R based on millions of data points that appraises a subject's life to use in life-or-death situations where a self-driving vehicle must value one set of lives over another.

Ethical Engineering

2016

A data mining algorithm for the construction of ethical frameworks for autonomous machines that was presented at the Recurse Center in August 2016 and featured in "Through the Ocean" blog.