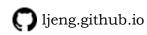
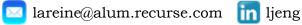
Lareine Jeng







PROFESSIONAL EXPERIENCE

C2 Education Livingston, NJ Non-Compete 2018 - Present

Computer Science and Statistics Teacher

2017 - 2018

- Taught AP Computer Science Principles/A and AP Statistics.
- o 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
- Fischer Dunderberg Scholarship
- o Dean's List

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

OPEN SOURCE CONTRIBUTIONS

Auto Auditor 2018

- A program that sorts billing events in chronological order and then uses binary search to find billing errors in business data in C2's Smart2 system
- Significantly sped up the process of auditing business data.

Self-Driving Car Simulator

2016

o 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

o 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.