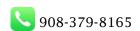
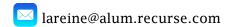
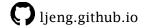
# LAREINE JENG









## PROFESSIONAL EXPERIENCE

C2 EducationLivingston, NJComputer Science and Statistics Teacher2017 - 2018

- Taught a college-level Java-based computer science course, computer science principles, and statistics.
- o Traveled across centers in North and Central Jersey to teach and perform administrative tasks such as auditing business data up to 41 hours/week.
- o Scored 93% and 97% on C2 pre-employment exams on computer science and statistics respectively.

Recurse CenterNew York, NYProgrammer2016

 Participated in a full-time sabbatical for programmers sponsored by Jane Street, Google, and Dropbox.

Technical Skills: Python, Java, JavaScript, statistics

### **PRESENTATIONS**

# Self-Driving Car Simulator, September 2016

Recurse Center, New York, NY

o Showcased a model written in R based on millions of data points that appraises a subject's life based on the subject's demographic information, situational physical position, and behavior to use in life-or-death situations where a self-driving vehicle must value one set of lives over another.

# Ethical Engineering, August 2016

Recurse Center, New York, NY

o Introduced the process of constructing ethical frameworks for autonomous machines.

## **PROJECTS**

#### **Auto Auditor**

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

# Advanced Add Reminder for Google Sheets

- Wrote a JavaScript program that works with a complex project management spreadsheet that sends an email reminder to team members two days before an assignment is due.
- Added additional functionality that updates the spreadsheet to show that an email was sent, CC's the email to the coordinator, and maintains a file of all emails sent.

# **EDUCATION**

## Programming Is the Best, San Francisco, California

 First cohort at a coding bootcamp founded by Thiel fellow Ben Yu based on App Academy's curriculum

## Cooper Union, New York, New York

Civil Engineering

o Full merit scholarship

## Webb Institute, Glen Cove, New York

Naval Architecture & Marine Engineering

- o Full merit scholarship
- Fischer Dunderberg Scholarship
- o Dean's List
- Record holder since 2009 at the Coho Memorial, a Mid-Atlantic regional college sailing regatta

**Relevant Coursework:** Statistics Honors, Programming with Applications, Introduction to Computer Science, Interactive Multimedia, Web Design, Introduction to Computing for Scientists and Engineers

Academic Honors: National Merit Commended Scholar, 800 on SAT Mathematics Award