JONATHAN LAM
Software Engineer
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EDUCATION

The Cooper Union for the Advancement of Science and Art New York, NY   Projected May 2022
B.Eng., M.Eng. in Electrical Engineering, Computer Engineering Track;
Minors in Mathematics and Computer Science; Cumulative GPA: 3.98/4.00

Coursework Operating Systems, Compilers, Computer Networks, Computer Architecture, SICP,
Parallel Programming in CUDA, Cloud Computing, Software Engineering and Large System Design,
Deep Learning, AI, Frequentist Machine Learning, Digital Logic Design

Activities Math and CS Tutor, MATLAB Instructor, Ping Pong Club President, CUCC Student Operator,
Motorsports Electrical Team, TAMID Technical Track, ACM ICPC Participant, IEEE×ACM Club Officer

EXPERIENCE

Express Scripts, Software Engineer Intern Bloomfield, CT   May 2020 - August 2020
- Developed a browser extension to encourage efficient time management for COVID-19
  work-from-home scenarios with themable "work personas." Won second place intern project.
- Refactored redundancies throughout codebase (Angular 9, NgRx, Angular Material) into
  Angular Modules to improve deployment speed and consistency.

The Cooper Union, Research Assistant New York, NY   May 2019 - August 2019
- Reduced runtime of simulation of "CRUM" traffic optimization model by over 80%,
  prevented memry leaks with numpy, pandas libraries.
- Designed visualization tool using PySide2 (Qt5) and matplotlib.