

# Richard Luo

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🇺🇸 United States of America

## Education

### Georgia Institute of Technology,

*B.S. Computer Science*

2020 – Present | Atlanta, USA

### Monta Vista High School

2016 – 2020 | Cupertino, USA

- Relevant: AP Calculus BC, AP Statistics, AP Computer Science A, AP English Literature and Composition

## Expert Skills

Java, Cybersecurity, Computer Networking, Python, Linux, MacOS, Windows, HTML, CSS, Machine Learning, C++, C, English, Chinese, Microsoft Office, IntelliJ, PyCharm, CLion, Git

## Advanced Skills

Adobe Photoshop, Adobe Premiere Pro, Adobe After Effects, Adobe Audition, Adobe Character Animator, Adobe Lightroom, Adobe Dreamweaver, MATLAB, Octave, Visual Studio, Embedded Systems

## Leadership

### Monta Vista Computer Science Club,

*Co-President*

2016 – 2020

- Provided managerial oversight and implemented a long-term strategy to boost club membership by 3x
- Created brand new website for CS Club
- Developed and implemented new attendance system
- Improved email and outreach system

## Awards

### picoCTF Cybersecurity Contest Top 3.5% International and Top 1.2% U.S

2019

### Stanford Programming Competition 1st Place

2019

### Harker Programming Invitational 3rd Place

2017

### United States of America Computing Olympiad Gold

2017

## Projects

### GoodbAI

2020/08 – Present

Using OpenAI's GPT-2 to train a generative model in honor of remembering someone from the past. The first model was trained by webscraping Kobe's tweets from Twitter using Twint.

### COSMOS Roachbot

2018/07 – 2018/08

Developed an autonomous light-sensing robot that could self-navigate a maze to automatically run from light and hide in the darkness.

## Courses

**Machine Learning,** *Coursera* [↗](#)

**Structuring Machine Learning Projects,** *deeplearning.ai* [↗](#)