

# Leo Ge

(any pronouns)

University of Colorado at Boulder

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## Skills

*Programming (ordered by proficiency):* Golang (3/5), Java / C++ (2/5), Python/JavaScript (1/5)

*Version Control / Software:* Git, Eagle, VSCode

*Language:* Native English, proficient Chinese / Spanish

## Education

### University of Colorado at Boulder

B.S., Electrical and Computer Engineering

Minor, Computer Science

College of Engineering and Applied Science

Aug. 2022- May 2026 (expc.)

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Boulder, Colorado

### Fairview High School

IB Diploma, 42 points

SAT with Essay, 1570 (780 EVBRW, 790 Maths)

Graduated Sigma Cum Laude

## Notable Coursework

**GPA (cumulative): 4.0**

(in progress)

*Spring 2023:*

Computer Science 2: Data Structures (CSCI 2270, expc. in Spring 2023)

(planned)

*Fall 2022:*

Starting Computing (CSCI 1300)

A

Introduction to Analog and Digital Electronics (ECEN 1400)

A

Calculus 3 for Engineers (APPM 2350)

A

## Notable Experience

**Learning Assistant for CSCI 1300** (expected)

2022

Mentoring students through understanding the principles of C++.

**Volunteer at Media Archaeology Lab** (unpaid, on location)

2016-ongoing

Acting as museum docent giving tours, also currently repairing on 1960s video game console using *electronics skills* ([link](#))

**CS@Mines Summer Internship** (unpaid, virtual)

2021

Programmed FOSS interactive webapp to help people efficiently water their lawns using *JavaScript and React* ([link](#))

**BuildARobot Volunteering** (unpaid, in-person and virtual)

2017-2022

Taught K-8 students how to build robots and apply STEM concepts

**IB Extended Essay**

2021

Programmed and benchmarked the rope and gap buffer data structures using *Golang*, determining adherence to time complexity modelling ([link](#))

**FRC Robotics Team #2036**

2018-2022

Programmed and tuned a robot's control systems using *Kotlin*, acted as teleoperated programming lead ([link](#))

December 19, 2022