

Leo Ge

(any pronouns)

University of Colorado at Boulder

Github: <https://github.com/hhe07>

Email: quantumleo78@gmail.com

Website and portfolio: <https://hhe07.github.io>

Skills

Programming (ordered by proficiency): Golang, Java / C++, Python/JavaScript

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

Aug. 2022- May 2026 (expc.)

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Fairview High School

IB Diploma, 42 points

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

Graduated Sigma Cum Laude

Boulder, Colorado

Notable Coursework

GPA (cumulative): 4.0

Spring 2023:

Computer Science 2: Data Structures (CSCI 2270)

(in progress)

Fall 2022:

Starting Computing (CSCI 1300)

A

Introduction to Analog and Digital Electronics (ECEN 1400)

A

Calculus 3 for Engineers (APPM 2350)

A

Experience

FRC Robotics Team #2036

2018-2022

Programmed and tuned a robot's control systems using *Kotlin* as teleoperated programming lead. Developed embedded engineering skills. ([link](#))

IB Extended Essay

2021

Programmed and benchmarked the rope and gap buffer data structures using *Golang*, determining adherence to time complexity models, improving understanding of data structures and program testing. ([link](#))

Learning Assistant for CSCI 1300)

ongoing

Mentoring students through their learning in the principles of C++.

Volunteer at Media Archaeology Lab (on location)

2016-ongoing

Acting as museum docent giving tours. Currently repairing 1960s video game console, improving *elementary analog electronics skills* ([link](#))

CS@Mines Summer Internship (virtual)

2021

Created FOSS interactive webapp to help people efficiently water their lawns using *JavaScript and React* in front-end development. ([link](#))

BuildARobot Volunteering (in-person and virtual)

2017-2022

Taught K-8 students how to build robots and apply STEM concepts; fostered their interest in STEM fields.

January 7, 2023