

Leo Ge

(any pronouns)

Cornell University

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

Email: [quantumleo78 \(at\) gmail \(dot\) com](mailto:quantumleo78@gmail.com)

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

Skills

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

Version Control / Software: Git, Eagle, VSCode, Unix utilities

Language: Native English, proficient Chinese / Spanish

Education

Cornell University

B.S., Electrical and Computer Engineering

Aug. 2023 - May 2026 (expc.)

University of Colorado at Boulder

4.0 GPA

B.S., Electrical and Computer Engineering (*incomplete*)

Aug. 2022- May 2023

Fairview High School

Graduated, Sigma Cum Laude

Notable Coursework

See <https://hhe07.github.io/coursework.html>.

Experience

CU Summer Program for Undergraduate Research

2023

Created a suite of benchmarks to test for three Spectre-type vulnerabilities on a host operating system and the gem5 simulator. Learned about computer architecture and lower-level programming. ([link](#))

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

2023

Mentored 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.

August 18, 2023