

GAVIN GARZIA

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SKILLS

Languages	Python, C++, Java, Bash, C, Matlab, Haskell, PostgreSQL, SQLite, Powershell, MySQL, RISC-V Assembly, Batch
Frameworks	FastAPI, Java Swing, PyQt
Other	Git, L ^A T _E X, RestAPIs, Linux, Agile, SVN

EXPERIENCE

Qualcomm	August 2024 - December 2024
Software Engineering Intern (CSCI370)	Boulder, CO
<ul style="list-style-type: none">Designed and implemented REST API to handle http requests from script on LTE machinesDeveloped script to read LTE station configurations and communicate with APIPackaged script to Qualcomm's internal RPM repository	
White River Technologies	May 2024 - August 2024
Engineering Intern	Lebanon, NH
<ul style="list-style-type: none">Developed script to configure Windows tablets for deployment with EM sensor systemDesigned and implemented GUI to plan drone flight paths with integrated leaflet.js mapDeveloped GUI to modify configuration file and adjust hardware settings for EM sensor systemEnhanced quality control GUI by adding ability to manipulate and convert between .ply and .shp file formats	

EDUCATION

Colorado School of Mines , Golden, CO	Expected Graduation: Dec 2025
B.S. in Computer Science + Business	GPA: 4.0
Minor in Computational and Applied Mathematics	
Member of Tau Beta Pi honor society	
Awards: Presidential Scholarship, Deans List, C-MAPP Scholar	

PROJECTS

Chess
C++
<ul style="list-style-type: none">Designed a Command Line Interface for interaction and gameplayImplemented features such as move validation, check detection, and game state tracking

ACTIVITIES

ACM
High School Programming Competition Chair
<ul style="list-style-type: none">Responsible for organizing the 2025 High School Programming Competition at Mines
Evolve Entrepreneurship
Member