

# Weston Mauz

**Local/Home:** 990 Salvia St Golden, CO 80401  
**Website:** <https://wmauz677.github.io/personalWeb/>

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## Education:

**Colorado School of Mines – Mechanical Engineering** \_\_\_\_\_ **B.S. May 2019**  
**GPA:** 3.206

**Universidad Pontificia Comillas ICAI - Madrid, Spain** \_\_\_\_\_ **Fall 2016**  
**Lakewood High School - Lakewood, CO** \_\_\_\_\_ **May 2014**  
International Baccalaureate Diploma

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## Programming Skills:

- C++
- MATLAB
- Swift 3
- HTML / CSS / JavaScript
- Python
- GitHub
- Database Management

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## Engineering Skills:

- AutoCAD
- SolidWorks CSWA Certified
- SolidWorks Simulation
- CNC
- Fluent – Fluid Modeling
- LabVIEW
- Conversational Spanish

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## Experience:

**Kiewit Mining Group- Mechanical Engineering Intern** \_\_\_\_\_ **Summer 2015**  
I worked on an open pit phosphate mine where I coordinated mine activities with maintenance planners and managers. I used SAP and Excel to monitor and schedule maintenance on heavy machinery.

**Traylor Brothers Underground – Heading Engineering Intern** \_\_\_\_\_ **Fall 2017**  
I am currently in Los Angeles on the Regional Connector project. My responsibilities include: composing engineering drawings, constructing work plans, and performing quality control aboard the tunnel boring machine.

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## Scholarships:

**Chevron Petrotechnical Support Scholarship** \_\_\_\_\_ **Spring 2015**  
Awarded by Chevron for pursuing an education in both engineering and computer science.

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## Extracurricular Activities and Leadership:

**MyCaddie: IOS Golf App** \_\_\_\_\_ **Summer 2017-Present**  
I made a golf statistics app with a partner. We used Xcode, Firebase, and GitHub to create the app. It is programmed using Swift 3. The website for the app: <https://wmauz677.github.io/MyCaddieWeb/>

**Ultimate Frisbee** \_\_\_\_\_ **Spring 2013- Present**  
I joined Ultimate so that I could challenge myself with a new sport. I have played with the club team at Mines since freshman year and I am currently playing with USC in California.

**Varsity Golf Captain** \_\_\_\_\_ **Fall 2013**  
I led my high school team to the 5A state tournament my senior year. I will forever value the leadership skills that I learned from this experience.

**Backcountry Club** \_\_\_\_\_ **Spring 2016-Present**  
An organized group of backcountry skiers. We have weekly meetings to discuss avalanche safety and plan alpine tours.