

# CARL SCHADER

## INFO

Phone 7204136933

Email [carlwschader@gmail.com](mailto:carlwschader@gmail.com)

## SKILLS

Machine Learning/Deep Learning ●●●●●

Frontend Web Development ●●●●○

Backend Web Developer ●●●○

Web Stack: JavaScript, HTML, CSS ●●●○

Mobile: flutter, Swift, Kotlin, Java ●●●○

Databases: SQL ●●○○

General Programming: Python, Java, C++ ●●●●●

## HOBBIES

Can find me at a hackathon, love watching soccer, or winding down with a book..

## References

Dr. Hao Zhang  
[h Zhang@mines.edu](mailto:h Zhang@mines.edu)  
303-273-3581

Dr. Mike Kawai  
[Mike.Kawai@ucdenver.edu](mailto:Mike.Kawai@ucdenver.edu)  
303-315-1690

Dr. Tracy Camp  
[tcamp@mines.edu](mailto:tcamp@mines.edu)  
303-384-2184

## EMPLOYMENT HISTORY

Aug 2018 – Aug 2018

## SUMMARY

- GPA: 3.951
- Education: Computer Science Student at Colorado School of Mines
- Research: Researching at Mines working on deep learning for self driving cars.
- Experience: Software Developer with experience in web development, mobile apps, and deep learning.
- Personal Website: [carlschader.github.io](http://carlschader.github.io)
- Objective: Creative software developing entrepreneur seeking to utilize skills in programming, machine learning, and algorithms to collaborate in industry for companies on useful projects.

## EDUCATION

### Colorado School of Mines, B.S. Computer Science

Golden, Colorado

Aug 2016 – May 2020

- Currently doing research in the HRC lab on self driving cars under Dr. Hao Zhang
- Major Specialty: Honors Research

## EXPERIENCE

### Web Development

- Founder of the website [carlschader.github.io](http://carlschader.github.io) for sharing coding projects and research online.
- Built a web app calculator..
- Built a web app Dungeons and Dragons character creator with back end database to store characters.

### Deep Learning

- Created the python library neuron which allows users to easily build scholastic neural networks in a single line.
- Built of the python library flexNet which gives the user the power to build fully vectorized and customizable neural networks of any size in a single line.

### Mobile Applications

- Founder and creator of the mobile strategy game app Gridsweep.
- Built a mobile calculator app.

### Find Code at

[carlschader.github.io](http://carlschader.github.io)