

EDUCATION

- **University Of Colorado Boulder** Boulder, CO
Bachelor of Science Computer Science *Jan. 2017 – May 2020*

COURSES

- **Computer Science:** Data Structure, Computer Science, Software Development Tools, Discrete Structure, Algorithm(Summer Stanford), Introduction to Robotic, Human Center Design, Human Center Computing Professional Development, Principle Programming Language, Cyber Security, Operation System, Machine learning on Coursera
- **Non-Computer Science:** Introduction to Electrical Engineering(Summer Stanford)

EXPERIENCE

- **Weicuner Mini Program on Wechat** Stanford, CA
Developer *Jun 2018 - present*
 - Developed a trading platform for Chinese student to buy and sell second-hand items
 - Built the application using Wxml, Wxss and JS for front end.
 - Provided service to University of Colorado Boulder, Colorado State University, University of Iowa, Pennsylvania State University
- **Math Department** Boulder, CO
Tutor and Learning Assistant *Aug 2018 - present*
 - Served as a Math tutor at the Math Academic Research Center
 - Served as a Learning Assistant for the Pre-calculus class

PROJECTS

- **Sentiment Analysis Based on BERT** (Independent Study With *Prof. James Martin*)
 - Reproduced LSTM using Tensorflow
 - Replicated sentiment analysis using BERT
 - Conducted experiments to understand relationship between hyper-parameters
- **Predict what kind of twitter makes more retweets** (Research and independent Study With *Prof. Chenhao Tan*)
 - Using BERT to fine tuning by Pytorch-Transformer
 - Understood the theory of BERT tokenization and encoding
- **Find the shortest way when the map has some obstacles**
 - Built the system by using visual sensor to detect the obstacles
 - Applied Dijkstra when do path planning
- **Automatic curtain pulling device**
 - Built a system that allows the sensor to detect daytime
 - Implemented the motor system on Arduino
- **Game building on hardware**
 - Soldered transistors, LED and switch button on PCB board to build a programmable platform
 - Programmed on arduino to control the display
 - Built T-Rex game on hardware.

SKILLS

- **Programming Language:** Python, C++, C, Scala
- **Technologies:** Git, Pytorch, Sublime, Colab, Jupyter Notebook, Arduino, Photoshop, Photography, Agile Projects