

Mitchell Scott

Dedicated, Leader, Problem Solver

EXPERIENCE

Scythe Robotics, Longmont, CO — *CV Intern*

March 2021 - Present

During this internship I am responsible for collecting weekly camera calibration data, reviewing image labels and designing an interactive calibration program.

HIRO Group, Boulder, CO — *Research Assistant*

August 2020 - Present

As a member of HIRO I am doing research in HRI to help make robot/human environments safer.

CU Racing Team, Boulder, CO — *Shop Hand*

October 2020 - Present

Responsible for helping with the “dirty work” in the shop. One day I’ll be behind the wheel at a track.

PenjiApp— *Tutor*

August 2018 - September 2020

Helped students taking computer science courses learn strategies for writing and debugging code.

PROJECTS

Rofous — *Autonomous Quadcopter*

I am assembling and programming my own quadcopter UAV, the goal for this project is to gain exposure to aircraft design and analysis. In addition the drone runs linux so experimental robotics algorithms can easily be tested.

Arman — *Desktop manipulator*

This project is based on the DIYMoore robotic arm that I pulled the end effector off. Arman is now a 5-DOF manipulator with a Logitech webcam for an end effector. The goal of this project is to create an interactive robot with a hand gesture interface.

Skills

Python, C++/C, ROS, Physics, Mechatronics, Microcontrollers, Ubuntu, Jetpack, Raspbian

2850 Aurora Ave
Boulder, CO 80303
(619)-209-9107
misc4432@colorado.edu

Education

University of Colorado Boulder

- Computer Science BA (2017–2021)
- Mechanical Engineering MS (2021–2023)

References

Alessandro Roncone:

Professor of Robotics

Email: alessandro.roncone@colorado.edu

Phone: (303)-735-6233

Ben Holmquist:

CEO/founder of Penji

Email: ben.h@penjiapp.com

Phone: (925)-519-4859

Links

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

LinkedIn: <https://linkedin.com/in/mitchellscott>

