

# Hyden Polikoff

Currently in Boulder, CO – 80302

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## Education

University of Colorado, Boulder

**Graduating in May 2023**

**B.S. in Computer Science** – GPA 3.8/4.0

- Cloud Computing, Computer Security, Entrepreneurial Capstone, Intro to AI, Intro to Robotics, Computer Systems

**Minor in Applied Mathematics**

**Dean's List** – Spring 2020 | Fall 2020, Spring 2021 | Fall 2021, Spring 2022 | Fall 2022

## Professional Experience

### **Workiva**

**Software Engineer Intern / Infrastructure** – Denver, CO/Remote

*May 2022 – April 2023*

- Developed Python to generate CloudFormation for S3 replication config reducing implementation time by 99%
- Created scripts to find drifting AWS resources from CloudFormation stacks saving > \$5,000/quarter
- Implemented Kubernetes Event-Driven Autoscaling (KEDA) on internal tooling increasing adoption by 3x

### **Peak Design**

**Full Stack Engineer Intern** – Remote

*May 2021 – May 2022*

- Analyzed existing jobs in Ruby and refactored to decrease runtime by 90% enabling more frequent scheduling
- Moved long-running routes in Rails 5 to Sidekiq using Redis, leading to a 50% decrease in job failures and errors
- Facilitated development of a tool to replace URLs across 100s of help articles reducing manual task time by 90%

## Project Experience

**3-Tier Web App** – *Spring 2023*

Kubernetes, Helm, Terraform, Flask, React, Gunicorn, Nginx, MySQL, VPCs, Digital Ocean

- Provisioned infrastructure with Terraform and deployed CRUD application to k8s cluster using Helm and autoscaling

**Django CMS Deployment** – *Spring 2023*

Python, MySQL/MariaDB, Apache, Linux, Networking, VMWare vSphere

- Deployed highly available Django CMS to cluster of Ubuntu instances with Apache and Apache load-balancing

**Post Office** – *Summer 2022*

Python, AWS Amplify/Lambda/Gateway/ECR, Docker, Terraform, React, Figma

- Led development of a web app that can send 100s of templated emails instantly while collaborating with a designer

**JITTOR** – *Spring 2022*

React, Docker, Nginx, Heroku

- Spearheaded the development of responsive web app for team of resident doctors as part of training research initiative

## Technical Skills

**Languages/Frameworks** – Python, JavaScript, Ruby, C++, C, Java, Rails, RSpec, React, Vue, Flask

**Tools/Technologies** – AWS, Kubernetes, Docker, Helm, serverless, Nginx, Terraform, CloudFormation, New Relic, Git

## Activities

**CU GOLD** – Strengthened soft skills with Core and Applied leadership programs (Fall 2019 and Spring 2020 semesters)

**Personal Interests** – Avid snowboarder, mountain biker, minimizer of mouse clicks, occasional photographer