

Hyden Polikoff

Currently in Boulder, CO – 80302

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<https://github.com/hydenp>

Education

University of Colorado, Boulder

Graduating May 2023

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

- Computer Security, Data Mining, Intro to AI, Intro to Robotics, Object-Oriented Programming, Computer Systems

Minor in Applied Mathematics – GPA 3.5/4.0

- Numerical Analysis, Optimization in Finance, Applied Probability, Linear Algebra, Diff Eq, Calculus 1, 2, and 3

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

Professional Experience

Workiva – Denver, CO/Remote

Software Engineer Intern

May 2022 – Present

- Implemented Kubernetes Event-Driven Autoscaling in Python on internal infrastructure tool while acquiring feedback on usability from teammates; increased adoption by 3x and minimized costs for associated cloud-computing resources
- Improved internal tools that reduce infrastructure-as-code configuration time by 50+ percent for developers; allowed focus on product innovation and cut time-to-market for new features
- Migrated 40+ webapp2 endpoints in Python 2.7 app to Python 3 compatible Flask while maintaining 100% test coverage; Google App Engine could continue to support the CI/CD app and deliver 65+ releases per day

Peak Design – San Francisco, CA/Remote

Full Stack Engineer Intern

May 2021 – May 2022

- Facilitated development and requirement acquisition from the CS team of an internal tool to replace product URLs across 100s of help articles; allowed customer service to automate the update of articles' hyperlinks completely
- Analyzed existing jobs in Ruby and refactored to decrease runtime by 90%, reduced failure rate; enabled more frequent scheduling to ensure affected data was more up to date
- Moved long-running routes in the Rails 5 app to Sidekiq jobs using Redis, decreased CPU loads and subsequent job failures by 50%; enabled the engineering team to focus on delivering new features

Finance Intern

July 2018 – May 2021

- Managed AR balance of \$5M, reduced trailing overdue balances by 50%, increased access to the line of credit
- Led analysis for multi-team initiatives using Excel; led to the opening of one new retail location
- Resolved accounting issues with efficient communication; shortened issue resolution with sales partners by 30%

Technical Skills

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

Tools/Technologies – AWS, serverless, Docker, Kubernetes, Helm, Terraform, SQL, Unit Testing & TDD, Git, Heroku

Project Experience

Post Office – Python, AWS, serverless, Docker, Terraform, React, Figma

Summer 2022

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

JITTOR – React, Docker, Nginx, Heroku

Spring 2022 – Summer 2022

- Spearheaded the development of a responsive web app for a team of 5 resident doctors for training research

Plutus – JavaScript, React Native, Firebase, RESTful APIs

Fall 2021

- Created a mobile application supporting CRUD operations to track a portfolio of stocks in real-time in a team of 3

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