

# Colin FitzGerald

1122 Euclid Avenue  
Berkeley, CA 94708  
(626) 390-3917

## EDUCATION

### University of California, Berkeley — Economics

Minor, Data Science

3.5/4.0

2018 - 2022

## EXPERIENCE

### RoBhat Labs — *Full Stack Engineer/Operations Manager*

JUNE 2022 - PRESENT

- Designed and developed modular web dashboards serving as the primary hub for content ranking; efforts led to 5x increase in notification engagement across platforms
- Built a semantic search application leveraging text embeddings for context-aware content retrieval; reduced manual labor by 25% and prepped application for future scalability
- Managed a team of 10 operators, ensuring content quality and accountability on a day-to-day basis

### CoreVest Finance — *Data Science Intern*

2021

- Architected an ETL pipeline to extract inputs from 1k+ PDF loan applications into a structured format, streamlining data acquisition and processing
- Bootstrapped a random forest model; reduced manual labor of loan underwriters by 20%
- Leveraged data analytics to build customer personas for marketing team which led to a 3x increase in campaign effectiveness

### UC Berkeley Track and Field — *Team Captain*

2018 - 2022

- Led team through 4 PAC-12 Championships and 2 coaching changes
- Dedicated to a strict 25+ hours/week training regime while maintaining a full course load

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Github: [github.com/colinfitzgerald328](https://github.com/colinfitzgerald328)

## SKILLS

### FRONTEND

Next.js

React.js

HTML

CSS

### BACKEND

Flask

MySQL

REST APIs

Vector Databases

RAG

## LANGUAGES

Python

JavaScript

## OTHER

Google Cloud

Git

Mixpanel

Postman

## PROJECTS

[Athletics Hub](#)

[Strava Activity Summarizer](#)

## HOBBIES

[Open Project](#)

[Photography](#)

Running

Mountain Biking