

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 3 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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SKILLS

FRONTEND

Next.js

React.js

HTML

CSS

BACKEND

Flask

MySQL

NoSQL

Redis

REST APIs

Vector Databases

LANGUAGES

Python

JavaScript

OTHER

Google Cloud

AWS

Mapbox GL JS

Agile Methodologies

PROJECTS

[Athletics Hub](#)

[Strava Activity Summarizer](#)

HOBBIES

[Open Project](#)

[Photography](#)

Running

Mountain Biking