

Arav Watwani

arav@berkeley.edu | 858-280-5902 | [LinkedIn](#) | [GitHub](#)

EDUCATION

University of California, Berkeley

B.A. Computer Science

Berkeley, CA

Graduation May 2024

EXPERIENCE

Loop

Software Engineering Intern

San Francisco, CA

Sept. 2023 - Present

- Series B startup working on simplifying logistics payments. Backed by Founders Fund, 8VC, and Index Ventures.

Imprint

Software Engineering Intern + Kleiner Perkins Engineering Fellow

Bellevue, WA

May 2023 - Aug. 2023

- Built data pipeline to stream unstructured data into a common data warehouse, increasing data visibility at the company by 60%
- Migrated existing data warehouse infrastructure from 100+ raw SQL files to Terraform, increasing infrastructure scalability by 3x
- Led several data automation initiatives, including building a Snowflake connector to ingest spreadsheet data into database tables

Gusto

Software Engineering Intern

San Francisco, CA

May 2022 - Aug. 2022

- Built first product at Gusto that uses infrastructure to make real-time payments an industry standard for eligible bank accounts
- Processed and expedited north of \$1M+ in customer payrolls to date due to large-scale bank failures, including Silicon Valley Bank
- Minimized risk of delayed payments from payment processing issues by 60% through creation of a bulk payroll expedite feature

Attain (YC W22)

Software Engineering Intern

San Francisco, CA

Jan. 2022 - May 2023

- Individually built product discounts feature, expanding supplier options and increasing customer engagement, sales, and GMV
- Additionally led multiple product initiatives as the 1st engineering hire, scaling efforts from few convenience stores to 50+ stores

UC Berkeley, Department of EECS

Lab Assistant

Berkeley, CA

Jan. 2021 - May 2021

- Working to best assist roughly 2000 students by teaching weekly discussion sections in CS 61A, UC Berkeley's Intro. to CS course
- Improved students' understanding of programming fundamentals by delivering mini-lectures and problem-solving techniques

PROJECTS

ChocoPy Compiler | Java

Private Repository

- Built a compiler for ChocoPy, a subset of Python that is specified using formal grammar, typing rules, and operational semantics
- Implemented features of lexing and parsing the language into abstract syntax trees, semantic analysis, and code generation

HONORS

Kleiner Perkins, Engineering Fellow

May 2023

8VC, Engineering Fellow

January 2023

National Merit Scholarship Corporation, Finalist and Corporate Scholarship Recipient

April 2020

SKILLS

Languages: Java, Python, JavaScript, TypeScript, Ruby, Go, C, HTML/CSS, SQL, Scheme, RISC-V

Tools: React, NumPy, Pandas, JUnit, Jest, Git, RSpec, Unix, Flask, PostgreSQL, Snowflake