Arav Watwani

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EDUCATION

University of California, Berkeley
B.A. Computer Science

Berkeley, CA
Graduation *May 2024*

EXPERIENCE

Loop
Software Engineering Intern (Incoming)

San Francisco, CA
Fall 2023

Imprint
Software Engineering Intern + Kleiner Perkins Engineering Fellow

Bellevue, WA
May 2023 - Present

Attain (YC W22)
Software Engineering Intern

San Francisco, CA
Aug. 2022 - May 2023

- Individually built product discounts feature, expanding supplier options and increasing customer engagement, sales, and GMV
- Structured backend to support increasing customer demands, including tracking order statuses and past order histories
- Additionally led multiple product initiatives as the 1st engineering hire, scaling efforts from few convenience stores to 50+ stores

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
- Minimized risk of delayed payments from payment processing issues by 60% through creation of a bulk payroll expedite feature
- Enhanced the Payment Operations team's workflow by 4x by expanding the currently available payment rail options for expedites

LPL Financial
Software Engineering Intern

San Diego, CA
Jun. 2021 - Aug. 2021

- Independently built an internal command line tool to generate error logs from over 2500 rows of LPL's cloud contact center data
- Streamlined unstructured cloud data from API calls into a configurable CSV output, saving 120+ hours of manual work yearly
- Deployed tool to 600+ unique admins to improve error detection, slashing throughput of flawed advisor data by 84%

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
- Answered conceptual questions on Python, Scheme, and SQL to help make students' introduction to CS more comfortable
- 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, React Native, NumPy, Pandas, JUnit, Jest, Git, RSpec, Unix, Flask, PostgreSQL