

ISHAN MEHTA

Stanford University, Computer Science

[LinkedIn Profile](#) [Github Profile](#)

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CORE COMPETENCIES

Programming: Python, C++, C, Unix, Java, SQL

Tools: Docker, Looker, Canva, Google Workspace, Microsoft Office, HubSpot, SEM Rush, SalesLoft

Communication: Public Speaking, Writing, Organizational, Presentational

CLUBS/SOCIETIES/ACHIEVEMENTS

TreeHacks (Intercollegiate Hackathon), Stanford Robber Baron's Sketch Comedy, Stanford DJ Society, Stanford Club Baseball, Stanford Club Cricket, Stanford Marketing Group, High School Valedictorian, YMCA Youth and Government Secretary of State

NOTABLE CLASSES

Computer Science: Mathematical Foundations of Computing, Operating Systems Principles, Computer Organization & Systems, Programming Abstractions, Intro To Probability for Computer Scientists, Linear Algebra, Design of Algorithms, Principles of AI
Economics: Economic Analysis, Intro To Statistical Methods, Principles of Economics

EDUCATION

Stanford University

Major: Computer Science Minor: Mathematics Collegiate GPA: 3.88

September 2021 - June 2025

KEY PROJECTS

DCF Automation: Built a program that utilizes financial data to automate the creation of discounted cash flow (DCF) models for S&P 500 companies

Free-List Heap Allocator: Successfully implemented an explicit free-list heap allocator from scratch in C with average utilization of 70% including features such as in-place reallocation, coalescing, and implicit headers

FIFA World Cup Simulator: Utilized various probability techniques including Poisson Random Variables, ELO Ratings, and bootstrapping random sampling to create a FIFA World Cup simulator in Python

EXPERIENCE

Artificial Intelligence Intern, Vianai Systems

July 2023 - Sept 2023

- Located structured and unstructured financial data sources, processed raw data, and implemented custom pipelines by performing financial calculations to train a domain-specific LLM
- Implemented sentiment analysis and entity recognition algorithms to help an LLM summarize documents

Consultant, Stanford Marketing

Oct 2021 - June 2023

- Utilized various statistical methods such as hypothesis testing and optimization to analyze and organize vast arrays of data
- Researched, created, and presented thorough suggestions to the heads of marketing and product departments at companies including BeReal, Crumbl Cookies, and DIRECTV

Growth/Product Manager Intern, ColorTokens Inc.

June 2022 - Sept 2022

- Performed profound analyses of the company's budget, past performance, and forecasted success utilizing tools such as HubSpot, SEM Rush, and Google Analytics
- Created actionable campaigns for product and business growth through various Search Engine Optimization (SEO) techniques
- Helped build and nurture a bot to identify hot open-source vulnerabilities across numerous social media platforms
- Collaborated with colleagues in Israel, France, and India to track account data to generate leads for the company

Growth Intern, novelty.today

March 2022 - June 2022

- Researched various business models of companies transitioning between the Web2 and Web3 spaces to find potential clients
- Partnered with the development team to create the design and whitepaper for the website

Data Analyst, Saucey

June 2020 - Sept 2020

- Analyzed consumer segmentation and region-specific buying patterns to understand company demand