

Saahil Sukhija

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EDUCATION

University of California, Berkeley

2025 - 2029

Electrical Engineering & Computer Science (EECS)

Monta Vista High School (GPA: 4.0)

June 2025

- **Relevant Coursework:** AP Calculus BC, AP Physics C: Mechanics & E&M, AP Spanish Language, AP Computer Science A, AP Literature, AP Statistics, AP Physics 1, AP U.S. Government and Politics, AP Macroeconomics

De Anza College (GPA: 4.0)

- **Relevant Coursework:** Linear Algebra, Differential Equations, Advanced Data Structures & Algorithms, Discrete Math, Database Management (SQL), Calculus 3 & 4, General Psychology, General Chemistry, Intercultural Communication

WORK EXPERIENCE

Abbott Capital

Software Engineering Intern

Jun 2024 – Aug 2025

- Developed a custom iOS property management application using Swift and Xcode, deployed to 6 employees for daily use in tracking property visits, expenses, and client interactions.
- Implemented data automation workflows leveraging Core Data and background processing to eliminate redundant manual entry and streamline property management operations.
- Integrated RESTful APIs with AppFolio, utilizing JSON parsing and URLSession to automate company reports, synchronize property records, and enhance data accuracy across platforms.

University of California, Santa Cruz

Research Intern

May 2024 – Jan 2025

- Researched and evaluated the efficacy of commercial AI-detectors, benchmarking performance across domains and text lengths using metrics such as precision and recall.
- Identified systematic biases and limitations in existing detectors, such as overreliance on stylistic markers.
- Developed a custom AI-detection model achieving 80% accuracy on long-form text by applying machine learning algorithms (logistic regression, random forests, neural networks) and linguistic analysis techniques such as perplexity and stylometry.

theCoderSchool

Code Coach, Summer Teacher

Jan 2023 - Aug 2025

- Tutored 40+ students in Python, Java, C#, and Scratch, tailoring lessons to diverse age groups and skill levels to build programming proficiency.
- Led an AI development summer camp, introducing students to machine learning, neural networks, and applied AI concepts through interactive projects.
- Guided student projects such as Unity (C#) games and Python applications, emphasizing debugging strategies, object-oriented programming (OOP), and problem-solving.

PROJECTS

BikingBuds

2021-Present

Founder, Developer

- Designed and developed BikingBuds, a cross-platform mobile app (iOS & Android) that enhances biking safety and community connection.
- Scaled the app to 15,000+ users across 34 countries, tracking 4M+ miles and enabling 3,000+ rides created.
- Built key features including fall detection, route creation, and ride tracking, integrating safety-focused technology into a user-friendly interface.
- Secured adoption through 10 county newsletter features, 12 Safe Routes to School partnerships supporting 150 school bike programs, and 5 large-scale community events with 1,000+ riders each.

SKILLS

Technology: Java, Swift, Python, React, HTML, JavaScript, Office

Languages: English (Native), Spanish (Conversational)