

Saahil Sukhija

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EDUCATION

University of California, Berkeley

May 2028

Electrical Engineering & Computer Science (EECS)

- **Relevant Coursework:** Structure of Computer Programs, Signal and Information Processing

Monta Vista High School (GPA: 4.0)

June 2025

- **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)

- **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 an iOS 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 **Firebase** 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 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 an AI-detection model** in **Python**, 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.

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 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, Firebase

Languages: English (Native), Spanish (Conversational)