

Yosief Abraham

yabraham.cs@gmail.com | +1 (619) 430-8273 | [LinkedIn](#) | San Diego, Palo Alto, CA

EDUCATION

Stanford University

Bachelor of Science in Civil Engineering & Master of Science in Computer Science

- **Relevant Coursework:** Mobile App Development, Data Structures and Algorithms, Algorithmic Incentives, Social Computing
- **Organizations:** Society of Black Scientists and Engineers (SBSE), Association for Computing Machinery (ACM), Black in Computer Science (BiCS), Colorstack, SENSE Consulting, Consult Your Community, TAMID Consulting, Scholars of Finance, MLT, SEO

TECHNICAL SKILLS

Technical Skills: Python, C++, Javascript, Typescript, R, MATLAB, GIS

Softwares: Figma, React, Next.js, AutoCAD, Replit, Revit, Excel, Powerpoint, MicroStation and Adobe Premiere-Pro/Illustrator

PROFESSIONAL EXPERIENCE

Growth Product Manager

Oasiz.Ai

- Analyzed user feedback and bugs; translated issues into reproducible test cases, and recommended technical fixes and UI optimizations.
- Led usability testing and outreach on Stanford's campus, leveraging A/B-style experiments to evaluate user flows and drive product adoption.

Venture Capitalist Senior Scout

Collide Capital

- Conducted comprehensive market analyses and due diligence on emerging AI technologies, synthesizing insights to inform strategic investment decisions that align with user needs and market demands.
- Produced 4+ comprehensive investment pitches biweekly, incorporating risk analyses and partnership strategies to help the firm expand organically and identify hidden investment opportunities.

Fixed Income Sales and Trading Summer Analyst

Morgan Stanley

- Conducted in-depth market analysis for Credit, Municipal, and Securitized Product Group desks, synthesizing insights from 50+ primers and director meetings, resulting in 5+ actionable trade recommendations.
- Crafted and delivered highly technical trade pitch proposals bi-weekly, resulting in approval from Managing Directors across various desks.

Lead Engineer Researcher

Stanford University School of Engineering

- Spearheaded a cross-functional research project on public transit issues for Seamless Bay Area, developing and executing a robust methodology that impacted over 8 million commuters across the Bay Area; formulated a metric to determine the effectiveness of current public transit.
- Leveraged Python and Excel to process tens of millions of data points on vehicle and population movement, extracting insights that led to a proposed improvement in public transit efficiency: used AI to drive unique analytics.

TECHNICAL PROJECTS

FGScholar — College Application Tracker

Product Owner

- Designed and built FGScholar, a full-stack React Native + Firebase platform enabling students to track applications, manage essays via Google Drive API, and connect with editors through role-based authentication, real-time chat, and notifications.

BeWell — Productivity App Development (CS 247B)

Lead Developer

- Engineered a student application utilizing React Native and JavaScript to facilitate dynamic data generation and user interaction. Integrated robust user data management, real-time analytics, and customizable settings, enhancing application performance to optimize user experience.

Generate — Mobile App Development Project (CS 147L)

Product Owner

- Engineered a student application utilizing React Native and JavaScript to facilitate dynamic data generation and user interaction. Integrated robust user data management, real-time analytics, and customizable settings, enhancing application performance to optimize user experience.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Residential Assistant

Stanford University — Residential and Dining Education

- Managed a \$140,000 fund to plan effective educational programs, dorm trips, and spontaneous activities for the broader university community.

Co-Founder and President of Operations

Stanford Black Rhythm and Sound

- Cultivated partnerships with over 15 organizations, growing our club network from 0 to 500+ members; by utilizing creative marketing tactics.

Assistant Director of Programming

First Gen Scholars

- Created a system to complete 1000s of college essay revisions for 100s of high school students; doubling college application outputs.

SKILLS & INTERESTS

Interests: Social Innovation, Entrepreneurship, App Development, Financial Markets, Infrastructure, Arsenal Football Club, and Travel

Open to Relocation

Palo Alto, California

GPA: 3.71 | December 2026

Stanford, California

August 2025 – Present

Stanford, California

September 2024 – Present

Manhattan, New York

June 2025 – August 2025

Palo Alto, California

June 2024 – November 2024

Manhattan, New York

July 2025 – Present

Stanford, California

January 2025 – May 2025

Stanford, California

September 2024 – December 2024

Stanford, California

May 2023 – Present

Stanford, California

July 2022 – Present

San Diego, California

June 2021 – September 2023