

# KASHISH KHARBANDA

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## EDUCATION

### University of California, Berkeley

#### *B.A. in Data Science & Computer Science, Certification in Entrepreneurship & Technology Product Management*

- **Data Science Research Director, University Laboratory @ Berkeley (ULAB)**
  - Led and mentored 65+ undergraduate students in AI/ML-related research projects presented to UC Berkeley faculty annually.
- **Product Management course: Teaching Assistant, Sutardja Center for Entrepreneurship & Technology @ UC Berkeley**
  - Led a venture project class, mentoring students to leverage emerging tech to build MVPs for their startup's core products.
- **Lead Software Engineer, UC Berkeley Division of Computing & Data Science**
  - Used Agile methodologies to develop open source code for data science education used by UC Berkeley & other schools.

## PROFESSIONAL EXPERIENCE

### Scale AI, New York City, NY

May 2025 – Present

#### Strategic Projects, Generative AI

- Leading strategic projects to improve state-of-the-art LLM capabilities. Part of the code & agentic model evaluations team.

### Visaro AI, New York City, NY

July 2024 – May 2025

#### Co-Founder & CTO / Head of Product

- AI-driven adtech platform; enables brands to integrate virtual products into short-form videos as contextual ads, and allows them to track/run analytics on these placements in real-time. Enhanced contextual advertising & reduced manual tracking time by 85%.
- Secured 3 partnerships with top media agencies and CPG brands, and piloted our gen-AI video model with 50+ content creators.
- Selected for NYC's top accelerator, *Antler*. Ran an 8-week sprint and pitched to 100+ C-suite executives and investors.
- Primarily led engineering, product development, and product strategy.

### Intel Corporation, Santa Clara, CA

January 2023 – January 2024

#### GPU Software Engineer

- Developed GPU software models for high-performance computing and running AI/ML workloads in Intel's AXG team.
- Utilized C++, Ruby, and XML to build simulation and emulation software to test and validate Intel's next-gen pre-silicon GPUs.
- Implemented and optimized GPU IP features in validation tools, ensuring seamless hardware-software integration.
- Worked on high-performance 2D & 3D graphics rendering, using OpenGL and GLFW libraries.

### T-Mobile, Bellevue, WA

May 2021 – August 2022

#### Machine Learning Engineer

- Designed, architected, built, and deployed an ML model evaluation product from the ground up, used by 500+ data scientists at T-Mobile's annual data science hackathon, enabling 30+ teams to efficiently assess and improve their model performance.
- Utilized Python, Microsoft Azure, and Databricks script/build integration points to develop a ML evaluation tool that acquired performance scores (precision, recall, F1 score, etc) for enterprise AI models at scale.
- Offered a competitive part-time position as a student in my last year of university to develop ML models that enhanced customer insights and retention strategies for T-Mobile for Business based on existing customer data.

### Microsoft Corporation, Redmond, WA

June – August 2018, 2019

#### Data Scientist / AI Product Engineer [internship]

- Utilized Python, C#, and U-SQL in Azure Data Lake to analyze on-premises databases and develop an ML model for automated Azure SQL Database SKU recommendation that optimized cloud migration for enterprise clients.
- Investigated data drift to diagnose ML model accuracy degradation, enhancing model stability over time.

## NOTABLE PROJECTS

### AI Matchmaker: an advanced matchmaking algorithm

2020

- Built a matchmaking algorithm for UC Berkeley; 600+ submissions, 380+ college students matched. Went viral on social media.

### Roop (originally ReStyle): a social circular marketplace to swap clothing

2021-2022

- A web app for college students to borrow and exchange clothes. Grew to 100+ users at UC Berkeley. Led product and engineering.

### Starglass AI: a voice agent for business owners with language barriers

2024

- Selected for Inception Studio, a competitive AI hackathon. Built an AI voice agent to automate client bookings with 0 manual intervention. Built technical MVP within 3 days, onboarded 7 SMBs, and received the most investor interest on pitch day.

## SKILLS

**Technical:** GenAI & ML (Object Detection, Diffusion models, GANs, OpenCV), Software Development (Python, Java, API Design), Cloud & MLOps (Azure, Databricks), GPU & HPC (C++, OpenGL, Graphics Rendering), Data Engineering (SQL, PySpark, ETL).

**Business:** Product Management, Operational Leadership, Data-driven Decision Making, Stakeholder Communication, GTM Strategy.

## AWARDS

AI Excellence Award (*WomenX Top Women in Innovation 2024*), NCWIT Outstanding Impact Award (*Google*)