KASHISH KHARBANDA

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EDUCATION

University of California, Berkeley   **December 2022**
B.A. in Data Science & Computer Science, Minor in Electrical Engineering
- **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.
- **Course Teaching Assistant,** *Advanced Topics in Entrepreneurship & Innovation (INDENG 190E/290)*
  - TA for a venture project course, guiding 50+ undergraduate & graduate students in developing MVPs for their startup ideas.
- **Organizations:** Berkeley SkyDeck, Data Science Society, FEMTech, Sutardja Center for Entrepreneurship & Technology

PROFESSIONAL EXPERIENCE

Visaro AI, New York City, NY   **July 2024 – Present**
Co-Founder & CEO
- An AI-driven adtech startup – developed software that 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, reducing manual tracking time by 85%.
- Built v1 in collaboration with 2 design partners, validating AI-driven ad placements as the future of digital marketing.
- 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 at AcceleratorCon, Techstars, NBA LaunchPad, and Antler VC's Investment Committee. Selected to be an *On Deck* Founder Fellow.

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, built, and deployed an ML model evaluation platform 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 Engineer
- 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.
- Gained hands-on experience with cloud infrastructure, data pipelines, and AI-powered solutions as an intern over 2 summers.

NOTABLE PROJECTS

AI Matchmaker: an advanced matchmaking algorithm   **2020**
- Went viral on TikTok for an AI-driven matchmaking algorithm. Built a webpage that received 600+ submissions, and the algorithm automatically matched 380+ college students—my first experience seeing the impact of what I built at scale.

Roop (*originally ReStyle***): a social circular marketplace to swap clothing**   **2021-2022**
- Developed a web app for college students to borrow and exchange clothes, create virtual closets, and engage with friends' wardrobes. Grew to 100+ users at UC Berkeley. Led engineering and product.

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

AWARDS

- **AI Excellence Award, WomenX Top Women in Innovation 2024,** Received as CEO of Visaro AI for our technology's impact
- **NCWIT Affiliate Award by Google**, Rewarded by Google's *National Center for Women & Information Technology* organization