SHWETHA KRISHNAMURTHY

skrishn6@chicagobooth.edu | GitHub

EDUCATION

THE UNIVERSITY OF CHICAGO BOOTH SCHOOL OF BUSINESS
THE UNIVERSITY OF CHICAGO DEPARTMENT OF COMPUTER SCIENCE   Chicago, IL
Master of Business Administration & Master of Science in Computer Science, Joint Degree Program   *September 2023 – June 2025*

- SW Scholarship Recipient; Booth AI Group (Co-Chair), Booth Tech Group, AudioBooth; Machine Learning Specialization

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR   Kharagpur, India
Bachelor of Technology in Mechanical Engineering   *August 2014 – May 2018*

- Study Abroad at Purdue University: Awarded $3K scholarship to research 3D Computer Vision for Augmented Reality Applications
- Machine Learning Team leader at AgNext; built app to detect 22 crop diseases using Machine Learning, helping 3M+ farm workers

---

EXPERIENCE

NVIDIA (GenAI & Deep Learning Software)   Santa Clara, CA
Product Manager Intern   *June 2024 – August 2024*

- Doubled user adoption of NVIDIA Inference Microservices (NIM) by enhancing its usability, adoption assets, & documentation
- Led the development & production deployment of 12 high-impact playbooks & guides for LLM NIMs, elevating product usability from "Needs Improvement" to "Good" (highest possible developer satisfaction rating) & accelerating onboarding & deployment
- Conceptualized & drove the development of a Code Execution Sandbox for GenAI Agentic Workflows, from initial PRD curating customer segments, pain points addressed, landscape analysis, & prioritized functional & non-functional requirements to MVP
- Conducted LLM Agent landscape analysis, identified need for reliable structured outputs in agentic workflows, researched SOTA guided decoding techniques, developed strategic roadmap for enhancing NIM to better support LLM-based agentic processes

PEASY (Early-stage Live Selling Startup)   Remote, India
Product Manager Technical Intern   *June 2023 – August 2023*

- Architected AI/ML strategic roadmap, designed user flows across various touchpoints to ensure intuitive user interactions
- Conceived & designed a scalable database architecture using MongoDB, Kafka, Delta Lake; won engineering & stakeholder buy-in

GOLDMAN SACHS (Consumer Banking)   Bengaluru, India
Data Scientist: Analyst – Senior Analyst - Associate (Maximum Performance Rating for 3 Consecutive Years)   *June 2019 – June 2023*

- Designed strategy to meet partner expectations, enhance user experience, & prevent fraud at onboarding stage, helping acquire 75% of consumer bank's users via 2 co-branded credit cards & achieving a customer satisfaction score of 88%
  - Apple Card: Launched a completely digital & instant credit onboarding experience for GS-Apple co-branded credit card
  - Developed strategies using high-precision ML models to prevent onboarding fraud & screen 60M+ card applicants within 10 seconds for Apple Card, achieving 1st rank in JD Power US Credit Card Satisfaction Study, 2021 & 2022
  - GS-General Motors Cards: Launched a novel customer onboarding funnel for GS-General Motors cards for individuals & SMBs
  - Led design & implementation of applicant authentication & verification strategy while a attaining a fraud-detection precision rate of 50%+ vs industry avg of 10%
- Innovated & co-founded a cross-product customer knowledge graph platform & reduced organized fraud by 99%
  - Developed visions, prepared ROI analysis, forecasted $90M in savings over 3 years, & received management buy-in
  - Secured budget of $1M+, onboarded an industry-leading graph vendor, & built a team of 10 full-time engineers
  - Acted as Product Manager & led design & implementation with engineering, operations, legal, & vendor teams
  - Featured as top 4/300 ideas under GS Accelerate 2020, an idea accelerator & incubation program by Goldman Sachs
  - Saved $32M since launch of MVP; currently adopted by all business verticals - Cards, Loans, Deposits

ENVESTNET YODLEE   Bengaluru, India
Associate - Machine Learning Engineer   *June 2018 – June 2019*

- Built wealth management product for a leading global investment bank, helping generate $35M revenue over 3 years
- Developed NLP framework using Sequence to Sequence Learning to convert transaction descriptions to portfolio health data in real-time, 500x faster than alternative, automating portfolio assessment for 16K+ wealth advisors serving HNIs
- Researched & deployed machine translation algorithms for merchant identification, 94%+ accuracy, from card transactions for a personal finance management product used by 30M+ customers of largest consumer banks in North America

---

ADDITIONAL

- **Technical skills**: GenAI Inference, Python(TensorFlow), CUDA, PySpark, Docker, Graph Databases, SQL, NoSQL, Git, JIRA, AWS
- **Music**: 14 years of training in Carnatic vocals, performed in 11 concerts; self-taught pianist