Shiven Arya

Sunnyvale, CA, 94087 • (669) 290 8824 • shivenarya5@gmail.com • https://www.linkedin.com/in/shiven-arya/

EDUCATION

UNIVERSITY OF MICHIGAN Ann Arbor, MI | Expected Graduation: May 2026
Bachelors of Science in Information Analysis GPA: 3.6/4.0

- Coursework: Digital Product Design; New Products & Innovation Management (AI); User Modeling; Applied Machine Learning; Data-Oriented Programming; Databases & Data Modeling; Models of Social Information Processing

SKILLS

- **Product & Research Skills:** User Research & Interviews; Feature Prioritization; PRD/Spec Writing; Competitive & Market Analysis; A/B Testing & Experimentation; Wireframing/Prototyping (Figma); Usability Testing
- **Technical Skills:** Python (NumPy, Pandas, Scikit-learn); SQL; R; Java; Machine Learning (Supervised & Unsupervised Learning; NLP; Reinforcement Learning); Snowflake; BigQuery; Git/GitHub

EXPERIENCE

Jade Global - AI & Data Science Intern
June 2025 — August 2025 | **San Jose, CA**

- Defined and scoped the AI Data Readiness Checker, translating 14 data quality dimensions (e.g., completeness, bias, consistency) into measurable product features for enterprise datasets
- Partnered with stakeholders to prioritize which dimensions to surface first, balancing enterprise usability, technical feasibility, and time-to-value
- Engineered Snowflake-integrated Python pipelines and a supporting dashboard to profile 100+ large-scale tables, reducing manual QA effort by ~30% and enabling analysts and engineers to remediate issues
- Presented the prototype to senior leadership, securing support to develop the tool as a client-facing product to accelerate ML project launches

Verve - Product Analyst Intern
May 2025 — July 2025 | **Remote**

- Built and launched a Tableau Health Dashboard consolidating 10+ marketplace KPIs (CTR, eCPM, win rate, margin), giving leadership daily visibility into supply–demand health across millions of ad auctions
- Developed automated SQL + Python pipelines in BigQuery to monitor revenue trends and auction outcomes, streamlining reporting workflows, reducing manual effort and enabling faster product and marketplace reporting
- Analyzed auction dynamics across thousands of daily transactions to surface demand and supply-side patterns, collaborating with PMs and engineers to translate insights into product requirements and roadmap prioritization decisions

MProduct - Product Manager
September 2024 — Present | **Ann Arbor, MI**

- Led a 3-person team through the full product lifecycle for TenantBridge, owning problem definition, user research, and MVP scoping for a housing discovery app connecting prospective renters with current tenants
- Conducted 20+ user interviews to identify unmet needs and core user problems, translating findings into product requirements, MVP scope, and prioritized tradeoffs under ambiguity
- Validated problem hypotheses and early solution concepts through follow-up user feedback and market research, iterating on feature scope and positioning based on learnings
- Created high-fidelity Figma mockups and a pitch deck to communicate the MVP roadmap and guide tradeoffs across usability, design, and technical feasibility

NIMHANS - Professor Assistant - Data Scientist
August 2023 — June 2024 | **Remote**

- Collaborated with clinicians and researchers to analyze 450+ patient records, framing technical work around the product goal of improving diagnosis and treatment planning for catatonia
- Engineered an end-to-end ML pipeline in Python (Pandas, Scikit-learn), incorporating validation and imbalance correction to ensure model reliability at clinical scale
- Benchmarked predictive models (Random Forest, Logistic Regression, SVC), achieving 75% accuracy and surfacing strengths/limitations of each approach for real-world use
- Identified 15 key clinical features influencing outcomes and presented insights via visual reports (ROC curves, confusion matrices), enabling non-technical stakeholders to make informed treatment decisions

Microsoft - Engineering Shadow
April 2024 — May 2024 | **Remote**

- Worked alongside a senior engineer through weekly working sessions focused on data systems, data streams, and pipeline architecture, analyzing how data flow and infrastructure choices impact product performance at scale
- Completed assigned explorations on data pipelines and system design between sessions, bringing questions and analyses to discussions around tradeoffs in latency, scalability, and cost
- Documented data architecture tradeoffs and decision rationale, linking product priorities to system design