

# Shivani Avasarala

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## EDUCATION

### University of Southern California, Viterbi School of Engineering

GPA: 3.77

*Master of Science in Computer Science*

August 2022–December 2023

*Bachelor of Science in Computer Engineering and Computer Science (CECS)*

June 2018–May 2022

**Honors:** Recipient of Trustee Full Tuition Scholarship, Dean's List

**Relevant Coursework:** Data Structures, Algorithm Design, OOP, ML, NLP, Database Systems, Distributed Systems for IoT

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## EXPERIENCE

### Metrum AI

#### Product Manager / Product Growth Lead

January 2024–January 2026

- **Owned** vision, strategy, and roadmap for a 0→1 AI benchmarking B2B SaaS platform, driving feature prioritization, sprint planning, and backlog management to onboard 10+ enterprise users in under 12 months
- **Engaged** closely with customers through demos, discovery calls, and training sessions to build deep customer empathy, translating frontline insights directly into the product roadmap and rapid iteration cycles
- **Built** out AI analytics using an internal dashboard from 0→1 (Cursor, Claude) across 100+ LLM performance data points; used a data-driven approach to surface performance patterns and prioritize the highest-impact opportunities
- **Partnered** cross-functionally with engineering, design, and GTM teams, synthesizing diverse feedback to deliver high quality features and technical content; shipped 20+ features over 2 years with an average release cadence of 4 weeks
- **Shipped** an agentic LLM-powered feature through rapid experimentation that reduced benchmark project setup time from 2–3 minutes per project to 2–3 minutes across multiple projects, automating complex manual workflows end-to-end

#### Analysis of Large-Scale (Healthcare) Twitter Data During COVID-19 Pandemic (USC)

May 2023–December 2023

#### Natural Language Processing Research Intern with SAIL (submitted to AAAI-24)

- **Built** an AI pipeline to analyze metrics across 1.2M Twitter records (Python, Transformers, GPT-3.5) and applied SQL and large-scale data analysis to form and validate hypotheses about behavioral trends across real-world healthcare data points

### Intel Corporation

#### Software Engineering/Machine Learning Intern (IOT Group/US Video Team)

June 2021–May 2022

- **Built** an internal dashboard (Node.js, OpenVINO, DLStreamer) enabling no-code ML pipeline construction, collaborating daily with engineers to distill technical constraints and ship a scalable tool with supporting documentation
- **Presented** AI-powered solutions at ISC West 2022, translating technical capabilities into clear real-world business impact for technical and non-technical stakeholders

#### Software Engineering/Machine Learning Intern (IAGS intern with IoTG Team)

June 2019–August 2019

- **Identified** an optimization opportunity through data analysis, ramped quickly to define a pragmatic solution, and shipped a custom fix (Python, C++) reducing OpenVINO Toolkit compile size by 29% (20MB → 14.2MB)
  - **Juggled** multiple technical workstreams in a fast-paced, high-agency environment, maintaining follow-through on all deliverables independently
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## PROJECTS

### Songnotes (Personal Project)

February 2026

- **Built** a web application that creatively extracts and visualizes insights from users' Spotify profiles (Figma, Claude Code, Next.js, React), shipping a working product from idea to existence using AI-native development tools

### wellBeing (Personal Project)

March 2026

- **Building** an iOS app that tracks and organizes users' wellness practices, including meditations and journaling notes

### IAGO for Dementia (Athena Hacks 2021 Best Overall Hack)

March 2021

- **Built** a full-stack web app (Python, Flask, RPi) for individuals with dementia to support memory and cognitive health
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## SKILLS

- **Product:** 0→1 product development, vision & roadmap ownership, enterprise SaaS, AI-powered workflow design, customer empathy & discovery, time-to-value optimization, prioritization, sprint planning, backlog management, rapid experimentation, data-driven decision making, cross-functional alignment, go-to-market execution
- **Technical:** Python, SQL, C++, Node.js, API development, AWS, Git, prompt engineering, Figma, Linear, LangGraph
- **AI & Machine Learning:** LLM-powered product development, AI workflow automation, prompt engineering, embeddings, LLM evaluation, ML pipelines, NLP, agentic frameworks, AI tools (Claude, Claude Code, ChatGPT, Cursor)