

Vrishn Viswa Sathyamoorthy

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EDUCATION

The Pennsylvania State University

Penn State College of Engineering

Bachelor of Science in Computer Science

Minoring in Artificial Intelligence

University Park, PA

May 2028

GPA: 3.020/4.00

Dean's List (1/4) semesters

Indian Institute of Technology

Bachelor of Science in Data Science and Applications

Madras, India

May 2028

LEADERSHIP EXPERIENCE

Independent E-commerce Venture

Founder & Operator

- Founded and scaled an e-commerce venture from concept to **\$30,000+ in revenue**, managing end-to-end operations including product sourcing, inventory management, logistics coordination, and customer fulfillment
- Conducted comprehensive market research analyzing 50+ competitor products and pricing strategies, identifying high-margin niche opportunities that resulted in 35%+ profit margins
- Established supplier relationships and negotiated terms with 10+ vendors across international markets, optimizing product quality and delivery timelines while reducing cost-per-unit by 20%+

Perplexity AI

University Park, PA

Campus Ambassador

Aug 2025 – Dec 2025

- Executed targeted campus outreach strategy across Penn State to drive adoption of Perplexity's AI-powered search platform among 500+ engineering and CS students
- Facilitated hands-on workshops and demos highlighting advanced search, AI reasoning, and competitive advantages over traditional search engines, converting 20%+ of attendees to active users
- Collaborated with marketing team to develop student-focused content and case studies, increasing campus engagement metrics by 35% over one semester

TECHNICAL PROJECTS

Cursor Prompt Enhancer

Published Product

- Published VS Code/Cursor extension suite across Visual Studio Marketplace, Open VSX Registry, and GitHub Marketplace with 300+ downloads and active users, using AI to refine developer prompts in real-time
- Engineered **Cursor for Speech** with OpenAI Whisper API integration, enabling voice-to-text coding functionality and reducing manual input time by 40%+
- Managed full product lifecycle including deployment automation, cross-platform marketplace submission, and maintaining 4.8+ star rating across distribution channels

AI Research Assistant & Cognitive Weave Memory System

Autonomous Information Processing Tool

- Built AI-powered research agent using Retrieval-Augmented Generation (RAG) patterns for autonomous information gathering and contextual analysis
- Engineered data pipeline processing 50+ daily news sources with 92%+ relevance accuracy, integrated with GPT-4 for generating cited research summaries

HONORS, SKILLS & INTERESTS

Honors: Deans List Spring 2026

Interests: AI Research & Ethics, Neural Networks, Precious Metals Market Analysis , Consumer Tech