

# Shraav Bhat

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## EDUCATION

**University of Pennsylvania** | Philadelphia, PA May 2026  
Dual Degree - Jerome Fisher Program in Management & Technology  
School of Engineering and Applied Sciences - Bachelor of Applied Science | **Computer Science**  
Wharton School - Bachelor of Science in Economics | **Management**  
**Computer Science** | GPA: 3.4/4.0 | **Management** | GPA: 3.8/4.0 | **Cumulative GPA: 3.4/4.0**

## COURSEWORK & AWARDS

**Relevant Coursework:** Human-Computer Interaction, Computer Vision, Machine Learning, Data Structures & Algorithms, Embedded Systems, Linear Algebra, Big Data Analytics

## RELEVANT EXPERIENCE

**TE Connectivity**, Product Management Intern (High Speed Cable Portfolio) | Middletown, PA May 2025 – Aug 2025

- Identified and prioritized cross-functional blockers, **aligning Product, Engineering, Sales, and Marketing** to deliver sample kits that accelerated customer evaluation and design-in cycles
- Joined calls with silicon vendors and OEM customers** (Broadcom, Semtech, Marvell, Dell, HP), gaining insight into debugging workflows, chip qualification, and customer escalation.
- Led IP risk analysis for legal team, **identifying \$1.9M in potential infringement** for high-speed cable products.

**Manatal (B2B HR Software)**, Product & Project Management Intern | Bangkok, Thailand Dec 2023 – Jun 2024

- Owned 0-1 product development** of [SleekJob](#), a global job board: conducted user research, defined requirements, built roadmap, and established KPIs for **team of 10** across engineering, design, & marketing
- Deployed MVP to **1.2k users** across **10+ countries**, reaching **500+ applications/month**
- Redesigned onboarding flow based on user feedback, reducing drop-off for 4,000+ clients

**Penn Human-Computer Interaction (HCI) Lab**, Teaching Assistant | Philadelphia, PA Sep 2022 – Aug 2023

*Taught two courses, Designing Programming Environment & Intro to Human-Computer Interaction (inaugural class)*

**Penn Human-Computer Interaction (HCI) Lab**, Research Assistant | Philadelphia, PA Sep 2022 – Jun 2024

- Researched how user anonymity impacts sentiment and polarization on social media
- Collected and analyzed data using X API, Python, and VADER sentiment analysis
- Received Best Presentation in 2023 Sigma Xi International Forum on Research Excellence (IFoRE)

## SKILLS AND PROJECTS

**Data & Analysis:** Python, Pandas, NumPy, SQL, R, A/B Testing, Data Collection, Statistical Analysis

**Technical:** C++, REST APIs, JavaScript, AWS, Docker, Git, Arduino, PyTorch, TensorFlow, OpenCV

**AI/ML & Research:** LangChain, RAG, MCP, Image Segmentation, Prompt Eng, Experiment Design, User Interviews

**Tools:** Jira, Figma, Notion, Asana, Excel/Google Sheets

**[Orbit](#) - Voice-First Personal AI Agent**, (LangChain, Claude Sonnet 4.5, Whisper, FastAPI) Dec 2024

- Identified gap in personal productivity tools. Designed and built AI agent enabling natural language task management across SMS, email, Slack, and WhatsApp. Integrated Model Context Protocol (MCP) with custom FastMCP server.

**[SpeakEasy](#) - Learn Languages with SpeakEasy**, (AWS, Lovable, Llama, Flask, Groq, ElevenLabs) Sep 2025 - Ongoing

- Conducted user research with learners to define product requirements across business, social & travel use cases
- Launched MVP supporting 6 languages with A/B testing to validate hypotheses & optimize learning outcomes

**[Tennis Upset Prediction Model](#) - Predicting Underdog wins**, (Python, SQL, Polars) Mar 2025 – Apr 2025

- Developed an ML model to predict upsets in tennis matches based on player statistics and tournament details.
- Achieved 67% accuracy, testing models including logistic regression, Random Forest, XGBoost, & neural networks.

## LANGUAGES

Language: English (Fluent), Mandarin (Intermediate – HSK 5), Spanish (Beginner)

Interests: Harry Potter, K-pop, travel shows, caricature portraits, learning languages, and trying new foods