

Shraavasti 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: 3.33/4.0 | **Management** | GPA: 3.8/4.0 | **Cumulative GPA**: 3.33/4.0

COURSEWORK & AWARDS

Relevant Coursework: Human-Computer Interaction, Product Design, Marketing, Computer Vision, Data Structures & Algorithms, Operating Systems, Big Data Analytics, Embedded Software, Object Oriented Design, Corporate Finance

Honors:

- 2nd Place at Hack the Globe out of ~100 teams – Social impact hackathon org. by BCG Canada and London Office
- Y-Prize Finalist – Innovation competition by Penn Engineering; Pitched proposal over 3 rounds, winning \$2k

RELEVANT EXPERIENCE

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

- Led 0-1 development of [SleekJob](#), a global job board, defining product requirements, roadmap, and KPIs in collaboration with engineering, design, and marketing teams.
- Launched MVP to **1.2k users in 10+ countries, partnered with 6 job boards**, resulting in **500+ applications/month**.
- Redesigned onboarding after benchmarking 15 project management tools, reducing user drop-off for 4,000+ SMBs
- Leveraged generative-AI tools to automate [blog](#) content, driving **30% boost in organic traffic** & engagement.

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

- Aligned Marketing, Sales, Engineering, and Product teams to deliver sample kits to hyperscalers and OEMs
- Led IP risk analysis for legal team, identifying **\$1.9M in potential infringement** for high-speed cable products.
- Uncovered **\$5.6M in lost profit** across 12 top-performing SKUs through self-initiated cost erosion analysis.

Penn Computer Science Department, Teaching Assistant | Philadelphia, PA Sep 2022 – Aug 2023

- Provided over 25+ hours of demo feedback, resulting in mentees receiving Best Implementation & Presentation award!
- Organized 2 Demo Days for Master, Ph.D., and Undergraduate students, featuring proof assistants and health solutions

Develop For Good, Product Lead & Designer (Volunteer) | San Francisco, CA (Remote) Sep 2023 – Aug 2024

- Led 2 client projects for [Simbi](#) and [Building Beats](#), leading teams of **20+ students for platforms with 260k users**.
- Migrated Building Beats website, developing a Learning Management System for **57k students and teachers**.

PROJECTS

[OpenAPS](#) - Embedded Systems for Closed-Loop Insulin Control, (C++/Arduino, FreeRTOS, MQTT) Oct 2025

- Built an embedded control system on Arduino Nano to simulate insulin dosing logic in a virtual patient loop.
- Implemented real-time CGM ingestion & insulin publishing pipeline via digital twins, coordinating asynchronous tasks

[Tennis Upset Prediction Model](#) - Predicting Underdog wins, (SQL, Polar) 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.

[Jetbot Autonomous Vehicle \(w/ Jetson Nano\)](#) - IOT, (OpenCV, Docker and Python) Sep 2025 – Oct 2025

- Engineered an autonomous Jetbot car using an NVIDIA Jetson Nano and onboard camera, enabling real-time lane detection and obstacle avoidance via OpenCV, Docker and Python.

Product Tools: Figma, Jira, Agile, Road mapping, Prompt Engineering, Cursor, Lovable, Google Analytics
Data & ML: SQL, Polars, R, Python, C++, PowerBI, OpenCV, MQTT Telemetry Analysis
Development: React, TypeScript, Flask, Django, REST APIs, Git, AWS, FreeRTOS, MQTT, Embedded C++

SKILLS AND LANGUAGES

Language: English (Fluent), Mandarin (Intermediate – HSK 5), Spanish (Beginner)
Interests: K-pop, travel shows, caricature portraits, learning languages, and trying new foods