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EDUCATION

Northeastern University, Boston, MA

Expected Dec 2026

Master of Science in Engineering Management

GPA: (3.7/4.0)

Relevant Coursework: Digital Product Design and Management, Project Management, Operations Research, Probability and Statistics

Lovely Professional University, Punjab, India

Aug 2020 - May 2024

Bachelor of Technology in Computer Science and Engineering (with Honors)

SKILLS

Product & Project Management: Product Strategy, End-to-End Product Lifecycle, Agile Methodology, Sprint Planning, Roadmap Development, Cross-Functional Collaboration

Market & UX Research: Competitor Analysis, A/B Testing, Market Research, UI/UX Design Thinking, Wireframing, SWOT Analysis, User Stories

Data & Business Analytics: Data Visualization, KPI Tracking, Data-Driven Decision Making

Technical & Tools: Python, R, SQL, JIRA, MS Project, Workfront, BPMN 2.0, Smartsheet, Asana, SharePoint, Figma, Canva, Tableau, Power BI, Google Data Studio, Advanced Microsoft Excel, Adobe Analytics, Minitab

PROJECTS

Nexus AI – AI-Powered Academic Publishing Platform

Feb 2025 - Mar 2025

Team Project | Role: Product Manager, UI/UX Designer

Boston, MA

- Engineered an AI platform automating research workflows including literature reviews, citation formatting, and plagiarism checks
- Outlined roadmap, KPIs, and user requirements based on stakeholder interviews and academic pain points
- Led cross-functional delivery through agile sprints in JIRA; documented specs for timely development
- Formulated go-to-market strategy in a \$112B AI-education market, projecting 30–50% efficiency gains

HuskyShare: Resource Reuse & Sustainability Initiative

Jan 2025 - Mar 2025

Team Project | Role: Project Manager, UI/UX Designer

Boston, MA

- Developed a peer-to-peer student exchange platform to reduce over 640 lbs of campus waste per student annually
- Designed robust AI-based search and intelligent matching systems, increasing item discoverability by over 40%
- Applied deep behavioral analytics and usage pattern insights to optimize UX and reduce exchange time by 25%
- Managed full project scope, WBS, sprint scheduling, and multi-team risk using MS Project and Smartsheet

UniCircle – Campus-Based Social Networking App

Jan 2025 – Mar 2025

Team Project | Role: Product Manager, UX Strategist

Boston, MA

- Conceptualized a student-exclusive networking platform addressing social connectivity challenges identified through analysis of 25+ stakeholder interviews
- Synthesized qualitative research revealing key pain points: 40% of students struggled with initial connections
- Created detailed PRD with interactive wireframes, connection strength metrics, and conversation starters aligned with stakeholder requirements
- Formulated phased roadmap with defined resource requirements and success metrics for platform launch

Impact of New Timekeeping Rules on Premier League

Sep 2024 - Dec 2024

Individual Project | Role: Data Analyst

Boston, MA

- Analyzed over 1,140 historical EPL matches (2021–2024) using Python and R to study stoppage time rule effects
- Identified post-regulation shifts including a 3.27 avg increase in late goals and 0.53 avg rise in substitutions
- Validated statistical significance through regression models and A/B testing; visualized results with R and Excel
- Shared data-driven insights and performance metrics influencing league-wide discussions on rule change efficacy

ACHIEVEMENTS

- Top 5 Finalist (out of 75+ teams), Protothon 7.0 Hackathon – Recognized for developing Nexus AI, an AI-driven academic publishing platform that streamlines research workflows through automation
- Presenter, Sustainability Innovation Week Expo – Showcased HuskyShare's impact on resource reuse and sustainability to academic and industry professionals
- Product Manager – Aspiring Product Managers Club – Led case study discussions on product strategy, market research, and UX. Organized workshops and networking events to engage members