

Mei Torrey

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EDUCATION

Dartmouth College

Graduating June 2028

- Major – Mathematical Data Science (AI Concentration); GPA 3.9 / 4.0
- Honor List; Dartmouth Mathematics Society

Relevant Coursework: Machine Learning and Statistical Data Analysis, Multivariate Statistics and Statistical Learning, Linear Models, Probability, Object-Oriented Programming (Java), Critical AI, Linear Algebra, Multivariable Calculus

EXPERIENCE

Product Manager, Digital Applied Learning and Innovation Lab, Dartmouth

Fall 2025–Current

- Highly selective (top 5%) university-sponsored program that partners with companies, entrepreneurs, and professors to design & build products
- Led a 7-member team of engineers and designers to build ChatGPTree, an LLM platform teaching AI foundations; launched campus-wide to 4,500+ students and faculty in January 2026
- Leading development of Twigby, an AI-native learning platform transforming passive coursework into immersive, personalized journeys; defined product roadmap through 20+ user interviews and 5 faculty partnerships ahead of Fall 2027 launch
- Co-Founded the AI Development for Education Consortium ([AIDEC](#)): student-led coalition building an accessible AI toolkit to help post secondary educators adapt pedagogy to the AI era
- PM Lead and Instructor: Selected to develop and instruct a mini-series for aspiring PMs

Product and Data Intern, LePrix Inc.

Summer 2025

- Provided insights and trend analyses by collecting and analyzing product and sales data
- Conducted quality assurance analysis of AI image matching software and provided feedback for model tuning to improve accuracy
- Identified and addressed client segment-specific curation needs for accuracy and relevancy

Founder & Team Lead, TuckLAB: Entrepreneurship, Dartmouth

Spring 2025

- Built AI-powered sports coaching platform that uses computer vision to analyze user video input and suggest personalized skill improvements
- Developed and presented product feature roadmap, value propositions, and financial analysis
- Won Best Pitch and People's Choice Award in startup competition with 100+ participants

PROJECTS

Predicting and Characterizing Failure in AI Coding Agents, Machine Learning

Spring 2026

- Built an ML model in scikit-learn predicting whether an AI coding agent will succeed or fail from the first N steps of its run, trained on 80,000+ agent trajectories; engineered features and applied grouped cross-validation, calibration, and threshold tuning
- Clustered failed runs with k-means and hierarchical clustering into interpretable failure modes (error-thrashing, diffuse exploration, over-deliberation) to characterize how and why agents fail

RESEARCH

AI Research Assistant, Dartmouth

2024–2025

- Research Assistant to the Special Advisor to the Provost for AI
- Co-designed Dartmouth's first AI literacy curriculum for freshmen writing courses
- Secured approval for rollout in '25-'26, positioning the course to reach 1,100+ incoming freshmen and establish a campus-wide AI education standard

Independent Research

2022–2023

- Researched the pandemic's impact on the rise of e-commerce, human behavior patterns, and environmental equality; collaborated with Harvard professor
- Published research paper in the Journal of Student Research on single-use plastic waste in freshwater sources and its disproportionate effects on communities

CERTIFICATIONS

Stanford Machine Learning Specialization

July 2025

Google AI Essentials

July 2024

EXTRACURRICULAR ACTIVITIES

Co-President, Dartmouth Women in Innovation

2025–Present

Club Golf

2024–Present

First-Year Fellow, Trip Lead, The Magnuson Center for Entrepreneurship

2024–2025

President, Model United Nations

2023–2024