

NEELOFAR TAMBOLI

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Education

Tufts University , School of Engineering B.S. in Computer Science, completed pre-med courses 2021–2025	Medford, MA
Dean's List (8x). Selected coursework: Economics 8; Algorithms; Differential Equations, Linear Algebra; Discrete Math; Probability & Statistics; Data Structures; Data Privacy & Security; Cybersecurity; Entrepreneurship for CS; Leadership: Machine Learning & Data Mining; Driving & Managing Change; Web Programming; Programming Languages; Computation Theory, Medical Tech Development; Big Data.	

Experience

Novaluna LLC <i>Part-time Intern, Data Analytics & AI</i>	Princeton, NJ Mar 2023 – May 2025
<ul style="list-style-type: none">Streamlined month-end close, cutting cycle from hours to mins and uncovering \$75K/year in fee discrepancies.Developed earnings-call analytics, explaining 18% of next-day FDX return variance for portfolio decisions.Presented insights to stakeholders through demos and reports.	

IC Laser Eye Care <i>Machine Learning Researcher (Summer Intern)</i>	Hamilton, NJ May – Aug 2023
<ul style="list-style-type: none">Developed early-detection model for strabismus (AUC 0.94) using de-identified clinical data.Built a HIPAA-compliant ETL workflow and documentation adopted by clinical leadership.	

Academic Projects

SoundSense LLC – Acoustic Analytics (Senior Capstone)	
<ul style="list-style-type: none">Built pipeline for noise classification & exposure analytics; produced a lightweight dashboard to explore patterns for community noise mapping.	
Economic Evaluation of Climate Mitigation (EC8)	
<ul style="list-style-type: none">Evaluated climate change mitigation using discounted cash flow models (Nordhaus framework), identifying a \$24T net benefit gap.Analyzed multi-year gasoline demand elasticity with empirical data, linking findings to policy implications for fuel taxation.	
Sentiment Analyzer using ML (CS135)	

Skills

Analysis & Tools: Excel, SQL, Python, Tableau, PowerPoint, Java, C++, C, Pandas, Tensor Flow, Jupyter Notebook, R, GCP, Scikit-learn, PyTorch, NumPy, Statsmodels, Hadoop, Xcode
Domains: Financial reporting & controls; healthcare data privacy (HIPAA)
Leadership & Honors
1st Place — Social Impact Track, Tufts \$100K New Ventures (2025) Montle Prize for Entrepreneurial Achievement (\$10K grant, 2024)