

# Christopher Nelson

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## Education

### VIRGINIA TECH

Master's of Engineering in Computer Science – *Artificial Intelligence & Data Analytics*  
Master's of Science in Business Administration – *Business Analytics*  
Bachelor's of Science in Business Management – *Entrepreneurship, Innovation, and Technology*  
Minor in Computer Science

Remote, Part-Time  
Anticipated August 2027  
Graduated June 2025  
Graduated May 2024

## Technical Skills and Certifications

**Programming Languages:** Java, Python, SQL, VBA, Swift, TypeScript, R, & C

**Tools & Methodologies:** Data Visualization (Tableau, JMP, Power BI), Agile, LLMs (agents), 3D Modeling (Fusion360), Scrum, Atlassian Suite (Jira, Confluence), Lean Process Improvement, Cloud (Azure), Smartsheet, GitHub, Excel (advanced), Google & Microsoft Office Suites

**Analytics Techniques:** Regression (Linear/Logistic), Statistics (Correlation, Intervals), Machine Learning (Clustering, PCA, Decision Trees, SVM, Neural Networks), NLP (Sentiment Analysis, Text Classification), Root Cause Analysis, Optimization, Monte Carlo Simulations

**Certifications:** IISE Six Sigma Green Belt (ID: 123151182), Certified Associate in Project Management (CAPM) – *In Progress*

## Experience

### BEAM THERAPEUTICS

#### Program Management Co-op

Cambridge, MA  
January 2026 – Present

- Developing company-wide executive dashboard in Power BI to provide senior leadership with interactive visibility across all program timelines, milestones, and cross-functional dependencies, consolidating data from hundreds of Smartsheets
- Architecting custom LLM-powered automation pipeline using Power Automate and Azure Functions to transform meeting transcripts into notes that are more reliable compared to Copilot and generate biweekly executive digests for C-suite leadership
- Supporting PMs overseeing Risto-cel (SCD gene therapy) program and Validation through meetings and managing Smartsheets

### NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)

#### Business Analytics Consultant – *Team Lead*

Hampton, VA  
September 2024 – June 2025

- Led team of graduate analytics consultants to design and deliver an enhanced risk assessment & investment model for NASA Langley Research Center, projected by portfolio managers to save millions in future maintenance costs based on simulations
- Facilitated internal team meetings, delivered weekly stakeholder updates, collected & analyzed data from managers & engineers, and generated data-driven insights to develop new models with improved capabilities

### TORC ROBOTICS

#### Technical Product Manager Co-op

Blacksburg, VA  
January 2024 – December 2024

- Automated RAG status reporting process which reduced the time managers need to spend communicating frequent changes by approximately 70% and effectively prevents previously encountered critical gaps in communication due to human error
- Oversaw three remote cross-functional engineering teams across the U.S. and Germany, monitored dependencies, conducted weekly reviews, coordinated between teams, delivered stakeholder demos, and kept leadership updated on each team's progress

### VIRGINIA TECH

#### Graduate Advisor & Director of Corporate Partnerships, Tech Fellows Program

Blacksburg, VA  
August 2024 – June 2025

- Mentored four interdisciplinary teams developing solutions to clients' real-world problems utilizing emerging technologies
- Managed relationships with external companies and agencies interested in recruiting students or sponsoring future projects

#### Graduate & Undergraduate Teaching Assistant

January 2024 – May 2025

- Taught 30 lectures to 400+ students in lean process management and advised capstone consulting project teams with real clients

#### Undergraduate Research Assistant

January 2024 – August 2024

- Developed new web-scraping software which furthered the head of the management department's research by enabling automated data collection, saving hundreds of hours previously spent on tedious manual research and data entry

#### Honor Council Delegate & Panel Member, Office of Undergraduate Academic Integrity

August 2021 – May 2024

- Met with students accused of honor code violations, presented case details, guided them through resolution options, managed records, and presided over 100+ cases across all departments to determine responsibility and appropriate sanctions