

Zachariah Lerman

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EDUCATION

University of Massachusetts Amherst College of Engineering

Amherst, MA

GPA: 3.49/4.0

Bachelor of Science, Industrial Engineering

Graduate, 2020-2024

- Recipient of John & Abigail Adams Scholarship and NMSC Scholarship
- Dean's List Recipient – Fall 2020, Fall 2023, Spring 2024

Southern New Hampshire University

2024-Present

Master of Business Administration

GPA: 4.0/4.0

- Honor Roll Recipient – 2024 D-4 (Oct-Dec), 2025 D-1 (Jan-Mar), 2025 D-2 (Mar-Jun), and 2025 D-3 (Jun - Aug)

RELEVANT COURSES

Measuring success in an Org, Building Business Leaders, Innov/Strat High-Perform Orgs, Leading People and Orgs, Org Strategy in a Global Environment, Supply Chain Logistics, Engineering Economic Decision Making, Production Planning & Statistical Quality Control, Predictive Analytics&Statistical Learning, Operations Research I&II, Human Factors Engineering

PROJECTS

Capstone Design

Spring 2024

Optimized the course scheduling of the UMASS MIE department of 46 courses, 30 timeslots, and 45 professors by formulating a mathematical model to develop a functioning binary linear optimization program using AMPL

Supply Chain Game

Spring 2024

In a team of 4, competed in 2 separate simulations coming in 1st place both times. Tasked with making decisions managing a supply chain network to maximize profits under uncertain customer demands

Campus Recreation Center Application

Spring 2022

Designed a prototype application for the campus recreation center using a human-centered design approach

WORK EXPERIENCE

Verizon

Dorchester, MA

Analyst-Operations Support

July 2024 - Present

- Create an underground damage field process for dig safe compliance saving over \$1 million in MA & RI
- Manage approximately 5,000 reimbursable jobs across the Northeast to optimize a revenue stream for Verizon.
- Generate presentations and tutorials educating directors and field teams on DPU compliance, New England Payroll template, Next-To-Go tickets and MARI field report using different Verizon systems, and many more.
- Travel, set-up, run, and break down all-employee and all-management calls for GN&T.

Verizon

Boston, MA

Operations Support Intern

June 2023 – August 2023

- Collaborate with leadership, local managers, engineers, and technicians, to build out fiber optics network in Boston.
- Identify a new revenue stream through the use of a Geospatial software tool to increase the penetration rates

C-4 Analytics, LLC

Wakefield, MA

Sales Operations Intern

July 2022 – April 2023

- Providing administration support to both the Sales Operations and Marketing teams in reporting through Salesforce
- Perform on projects collecting and analyzing data on potential clients to identify new revenue opportunities

ACTIVITIES

Shovel Town Basketball Club

Easton, MA

Coach/Trainer

August 2024 – Present

- Coaching and training youth boys and girls to improve their abilities on and off the court

Kappa Sigma Fraternity – Gamma Delta Chapter

Amherst, MA

Member

September 2021 – June 2024

- Volunteer work with neighborhood cleanup, Stone Strong for Lymphoma Walk, UMass Dance Marathon, etc

SKILLS

Computer: AMPL, R Studio, Geospatial Tools, Salesforce, Microsoft Office, Google Applications

Interests: Traveling, Sports, Cinematic Entertainment