

Michael Brown
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Education

- 2025-2027 **HARVARD BUSINESS SCHOOL** **BOSTON, MA**
HARVARD SCHOOL OF ENGINEERING & APPLIED SCIENCES
MS/MBA Engineering Sciences candidate
Engineering focus in applied AI/ML. Coursework: AI Safety (CS 2881), ML Operations (APCOMP 215)
- 2016-2020 **UNIVERSITY OF MINNESOTA** **MINNEAPOLIS, MN**
Bachelor of Science degree, magna cum laude, in Mechanical Engineering. WGA Full Ride Evans Scholar.
University Honors Program. Dean's List. Wallin Scholar. College of Science & Engineering Leadership Team.

Experience

- 2026 **BOSTON CONSULTING GROUP** **MINNEAPOLIS, MN**
Summer Associate
MBA summer internship, received return offer
- Developed the operating model for a state government healthcare program, aligning four agencies on delivery of \$200M in funding to benefit 4 million residents.
- 2022-2025 **TARGET** **MINNEAPOLIS, MN**
Senior System Layout Designer
Supply chain engineer on the Design Engineering team in Target's Global Supply Chain & Logistics organization
- Drove throughput optimization across a 20+ site network of mission-critical distribution and fulfillment facilities, lifting building output 15% and cutting stockouts 3% while improving delivery speed at national scale.
 - Built end-to-end discrete-event simulation models to inform capacity planning and capital-deployment decisions; drove a 20% operating-cost reduction and \$10M in avoided capital expenditure.
 - Built automated experiment-tracking tooling (Python/SQL) that cut project lead time 30% and gave leadership real-time visibility into network deployment-planning decisions.
 - Founded and scaled an engineering mentorship program from 33 to 80 participants, strengthening retention and cross-team collaboration.
- 2020-2022 **PENTAIR** **GOLDEN VALLEY, MN**
Engineering Leadership Development Program
Rotational leadership development program working in R&D, operations, and automation engineering roles
- Designed and deployed manufacturing and lab process automation delivering \$500K in annual savings while raising yield and quality.
 - Led a distributed offshore engineering team through parallel-path new-product introduction (NPI), halving the development timeline and accelerating launch to production.
- 2019-2020 **TLC ELECTRONICS** **ST. PAUL, MN**
Process Engineer
Operations Team at TLC Electronics, a medical device contract manufacturer
- Partnered with Boston Scientific to stand up a ventilator production line in two weeks during the COVID-19 surge, an emergency NPI and bring-up that secured critical supply under an aggressive deadline.
 - Rebuilt the quoting and cost-estimation process to improve costing accuracy and margin consistency across a diverse contract portfolio.
- 2016-2020 **UNIVERSITY OF MINNESOTA** **MINNEAPOLIS, MN**
Researcher – Human Performance Lab
- Designed biomechanics research project studying running efficiency, using 22 custom prototypes to generate insights that informed footwear innovation and supported commercial product development.
- Researcher – Behrens Lab
- Led research on sustainable farming practices that reduced fertilizer runoff, improving water quality in lakes and rivers and lowering health risks in surrounding communities.
- Skills** Capacity planning, supply chain optimization, discrete-event simulation, process automation, executive communication, data analysis, Python, SQL, AI-assisted development (Claude Code, Codex, Cursor, Antigravity)
- Personal** Photography, camping and outdoors, distance running, Nordic skiing, live music, specialty coffee