

Ben Brown

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EDUCATION

Master of Science in Mechanical Engineering

Columbia University • New York, NY • 2025

- GPA: 3.5

Bachelor of Science in Bioengineering

Northeastern University • Boston, MA • 2020

- Concentration: Biomechanics
- Minor: Entrepreneurship
- GPA: 3.7 - Magna Cum Laude
- Peer Mentor for first-year engineering students

EXPERIENCE

SharkNinja

Mechanical Engineer

Jul 2022-Present, Needham, MA

- Rapidly designed and prototyped a variety of consumer product concepts, and utilized consumer feedback to quickly adjust and update designs
- Led advanced development of early stage projects spanning various categories across the business

Associate Product Developer

Mar 2021-Jul 2022, Needham, MA

- Led and supported new product development projects from ideation through mass production by providing cross-functional support to resolve product, quality, manufacturing, and customer challenges
- Conducted market research to identify consumer needs and market gaps, and analyze the competitive landscape
- Evaluated product optimization and improvement opportunities for cost and consumer impact

3Degrees

Consulting Intern

Jan 2019-Sep 2020, Chicago, IL

- Worked with clients to integrate 3D printing into their organization through part redesign, case study development, market research, and cost-benefit analyses
- Aided in bringing a new additive manufacturing quality management software system to market
- Designed multiple parts optimized for additive manufacturing (lower part cost, light-weighting, generative design)

GE Healthcare Life Sciences

Mechanical Engineering Intern

Jan 2018-Jun 2018, Marlborough, MA

- Created models and drawings for injection molded parts
- Designed prototype parts for 3D printing
- Fabricated detailed drawings per ASME Y14.5M standards
- Worked with document and part control through an ISO:9001 quality management and EPDM system

AWARDS & CERTIFICATIONS

- Certified SolidWorks Associate
- Northeastern Entrepreneurship Club Startup Challenge winner
- Patent for design of an apparatus to minimize “dead leg” in a bioreactor system
- Eagle Scout

SKILLS

- SolidWorks, CREO
- MATLAB
- Ansys Discovery
- Python, C++, Arduino
- Rapid Prototyping
- Additive Manufacturing
- Project Management
- Data Visualization
- Communication & Presentation

INTERESTS

- Travel
- Music production
- Reading