

AIDAN HARMER

aidanharm@gmail.com | linkedin.com/in/aidanharm
aidanharm.com

Footwear performance engineer with experience building wear-testing programs, recruiting testers, analyzing wearer feedback, and communicating findings to product teams. M.S. in Biomechanics with motion-capture research and athlete-facing experience.

EXPERIENCE

Associate Product Performance Engineer

Oct 2025 - Present

Timberland | Stratham, NH

- Built Timberland's Smartsheet database of approximately 300 testers and developed recruitment, survey, and interview workflows.
- Helped build a VF-wide fit-and-wear database with Vans and The North Face, bringing together 1,000+ wear testers.
- Co-developed a fit-and-comfort survey with VF Analytics and the Timberland team (560+ responses); helped analyze findings and present them to Timberland leadership.
- Helped introduce Volumental scanning and co-hosted an event scanning 200+ people in one day.
- Support safety, durability, and performance lab testing across Timberland and Timberland PRO. Present wearer and competitor-test findings to cross-functional product teams.

Athlete & Product Analyst

Dec 2024 - Oct 2025

Garden State Track Club | Part-time

- Collected athlete feedback; supported roster management, events, and brand partnerships with Tracksmith and Athlos.

Biomechanics Lab Researcher / Research Integrity Assistant

Aug 2023 - May 2025

Ball State University | Muncie, IN

- Conducted motion-capture research and gait analysis using Vicon Nexus, Visual3D, MATLAB, and SPSS; prepared participant reports.
- Supported IRB processes and developed Responsible Conduct of Research training.

FIT Specialist

Jun 2021 - May 2023

Fleet Feet | New York City Metropolitan Area

- Delivered footwear fittings using gait analysis and foot scanning to assess individual needs.

Additional experience

Fraulo Race Timing | Timing Technician | Mar 2021 - Oct 2025

JAG Physical Therapy | Physical Therapy Aide | May 2020 - Aug 2022

EDUCATION

Ball State University | M.S. Biomechanics

2023 - 2025

Thesis: Arch-support orthoses and downhill-running biomechanics; funded by Superfeet.

Springfield College | B.S. Health Science / Pre-Physical Therapy

2019 - 2023

Psychology minor | NCAA Cross Country and Track & Field

Lasell University | Footwear Product Development coursework

2024

Nike Vaporfly reverse tech pack: components, materials, BOM, wear-test plan, and calendar.