

Aedan Bingham

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[LinkedIn](#) – [SSRN](#) – [Personal Website](#)

Bridging robotics engineering and economics through autonomous research and macro-level market analysis.

WPI Podcast Feature – [Money Behavior and Personal Finance](#) – Professor Smith and Aedan Bingham

EDUCATION

Worcester Polytechnic Institute

Candidate for Bachelor of Science

Double Major: Robotics Engineering, Economics

Worcester, MA

Expected: December 2027

SKILLS

Software & Tools: Microsoft 365, GitHub, Fusion 360 w/FEA, SolidWorks, AutoCAD, Cura, Arduino, OpenMV, Canva

Fabrication & Hardware: Advanced Fabrication, Soldering, 3D Printing, Circuitry

Programming Languages: Python, C++, C, Java, MATLAB

RESEARCH & PROJECTS

Perception and Autonomous Robotics Lab (PeAR)

2026-Present

- Rapid prototyping cycles of organic quadcopter and flying wing research platforms
- Improved real-time sensory perception and data processing efficiency on resource-constrained microcontrollers

Behavioral Finance Research

2024-Present

- “What WPI Students Know about Personal Finance,” advisee Alexander Smith, Ph.D., Economics
- Analytical research project uncovering key themes, misconceptions, and psychological biases in financial behavior and literacy, using original survey data from 200 anonymous WPI students

Educational Platform

2023-2025

- Created an innovative website providing research tools, study resources, and course materials for 400+ users

Financial Market Research

2023-2024

- “The 21st Century’s Ubiquitous Market Transition,” co-authored with John Beurer, B.S., Business at UMontana
- Published on SSRN, this concise yet exceptional paper analyzes the leap economies and markets have taken during the Information and Easy Money Ages

EXPERIENCE

Grill & Green

Worcester, MA

Front-of-House Associate, Client Relations and Beverage Specialist

2025-2026

- Delivering dynamic, customer-focused service in a fast-paced, health-oriented café, serving 300+ patrons daily

TurnUP Activism

Cambridge, MA

Intern, Evaluative Research and Report Write-Ups

Summer 2024

- Researched and presented on the Rule of Law, Political Imprisonment, Justice, and Environmental Realism
- Teamwork resulted in the registration of 290,000 young voters

Stockman Insurance

Great Falls, MT

Account Executive, Optimizing Claims and Accounts

Summer 2024

- Fastidious and highly collaborative three-person team, utilized Applied Epic and communication expertise to perfect client management and resource allocation/organization skills
- Increased client volume and expanded Stockman’s Central Montana operating region

Meadow Lark Country Club

Great Falls, MT

Tennis Center Operations, Court Management

2022-2024

- Enhanced player retention rate and court operations, with an emphasis on building customer relationships

ACTIVITIES / VOLUNTEERISM

Tau Beta Pi Honorary Society – Sigma Pi Fraternity – Investing Association – Meals on Wheels America – WPI Club Tennis

ACHIEVEMENTS

Charles O. Thompson Scholar

2026

Golden Flame Finalist (top 1% of graduates), Promoting Excellence In Education Scholar

2024

WPI Dean’s List

2024, 2025, 2026