

# Nate Bowers

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## EDUCATION

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### Vanderbilt University

B.S. Applied Mathematics and Economics, *Minors in Data Science & Computer Science*  
GPA: 3.82/4.00

Nashville, TN  
Expected May 2028

### Lehigh University

B.S. Computer Science & Business Candidate (Transferred)  
Honors & Awards: Computer Science & Business Honors Program, AP Scholar with Distinction, **SAT: 1550**

Bethlehem, PA  
August 2024 – May 2025

### Menlo School

Atherton, CA  
August 2020 – June 2024

## PROFESSIONAL EXPERIENCE

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### Palo Alto Investors

*Intern*

Palo Alto, CA  
May 2025 – June 2025

- Analyzed technology-driven business models and capital allocation frameworks through sessions with executives from OpenAI, Hulu, Capital Group, Stanford, and the Thiel Fellowship.
- Gained exposure to investment decision-making, capital stewardship, and leadership frameworks
- Expanded professional network across finance, tech, and entrepreneurship

### Clean View Crew Window Cleaning

*Co-Founder + Manager*

Atherton, CA  
June 2023 – August 2025

- Built and scaled a vertically integrated window-cleaning business, generating **\$60K+ in revenue** and **servicing 100+ clients**
- Led marketing (door-to-door, referrals) and operations teams, improving efficiency and client retention
- Managed 10+ employees**, P&L, pricing, and scheduling, optimized processes increasing profitability year-over-year

## PROJECTS & RESEARCH

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### SurfScore Data Engineering & Analytics

*Project*

Nashville, TN  
Dec 2025 – Jan 2026

- Built an **end-to-end Python pipeline** with NOAA meteorological and oceanographic API data for California beaches
- Designed a “surf quality” scoring algorithm, translating multi-variable environmental inputs into a single interpretable metric
- Implemented a relational database using SQLAlchemy ORM to store historical conditions and computed scores

### Qualitative Artificial Intelligence Research on Luxury Companies

*Research*

Bethlehem, PA  
Sep 2024 – Feb 2025

- Conducted qualitative AI research under Dr. Papadimitrou on how luxury manufacturers, such as Rolls-Royce, can integrate AI into operations and maintenance diagnostics
- Analyzed use cases for predictive maintenance, failure detection, and optimization within high-value asset environments
- Presented research findings in an application to the 2025 Artificial Intelligence Action Summit in Paris

### Student Textbook Network

*Hackathon Project*

Bethlehem, PA  
October 2024

- Led as **Team Captain** at the Lehigh Valley Hackathon, developing a web app for students to buy and sell used textbooks
- Built a **full-stack Flask application** with a relational database using SQLAlchemy ORM to manage users and listings
- Developed front-end with HTML and CSS, strengthening full-stack web development and database design skills

## MEMBERSHIPS & INTERESTS

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**Memberships:** AI Club, Scholars of Finance (Vanderbilt & Lehigh), VINES, Intramural Soccer

**Certifications:** Kaggle Machine Learning, Bloomberg Business Market Concepts, Dean’s List (Vanderbilt & Lehigh)

**Interests:** Surfing, National Parks, Skiing, McLaren Formula 1, Camping, Electronic Music, Golf