

ANDREW DOU

1 Nipmuc Road ▪ South Grafton, MA 01560 ▪ 775-545-0713 ▪ adou@middlebury.edu

EDUCATION

2022-2026	MIDDLEBURY COLLEGE <i>Bachelor of Arts, Economics & Math, GPA 3.89</i> <ul style="list-style-type: none">▪ Relevant Courses: Data Structures, Economic Statistics, Regression Analysis, Applied Econometrics, Graph Theory, Numerical Linear Algebra, Differential Equations▪ Men's Swimming and Diving; NESCAC conference championship member and finalist.▪ Biggabed Junior Campus Director: Organized pick-ups and drop-offs during move-in and move-out dates for an on-campus startup providing bigger beds to students	Middlebury, VT
Summer 2024	TUCK SCHOOL OF BUSINESS AT DARTMOUTH <i>Tuck Business Bridge Program</i> <ul style="list-style-type: none">▪ Participated in a highly-selective 3-week program taught by MBA faculty, providing an in-depth introduction to marketing, strategy, microeconomics, accounting, and finance.▪ Performed a team-based valuation of Tesla Motors, which included financial and strategic assessments, a DCF analysis, and a final presentation to industry executives.	Hanover, NH

EXPERIENCE

July 2025-Present	AGENTIC DATA SYSTEM (AI STARTUP) <i>AI and Development Intern</i> <ul style="list-style-type: none">▪ Collaborated with fellow developer interns to build a product demo using React and the OpenAI API, which was presented to VCs and sparked strong interest. The product integrates AI trained on custom vector stores, leveraging RAG and chain-of-thought prompting to enhance response quality.	Remote Work
February 2025 - May 2025	HEALTH ECONOMICS & POLICY <i>Student Consultant (AI Group)</i> <ul style="list-style-type: none">▪ Composed an in-depth literature review on the role of AI in aiding the constrained Vermont healthcare system▪ Conducted informational interviews with healthcare professionals about their use and views of AI in medical and administrative practices▪ Scheduled to present findings to the Vermont legislature to advocate for legislation and subsidies supporting AI adoption in healthcare	
Fall 2023	PARAGON ONE AI-POWERED CUSTOMER DISCOVERY EXTERNSHIP <ul style="list-style-type: none">▪ Secured and conducted customer discovery interviews with entrepreneurs to identify their primary pain points, and synthesized findings into a customer profile presentation highlighting prominent entrepreneurial challenges.	Remote Work
Summer 2023	WHITINSVILLE COMMUNITY CENTER <i>Finance, Accounting, and Marketing Intern</i> <ul style="list-style-type: none">▪ Meticulously organized financial reports, including investment summaries, budgets, and payroll records▪ Aided the marketing team in boosting enrollment and engagement in various programs by organizing and analyzing membership demographic data.▪ Cleaned, organized, and analyzed membership and demographic data across program offerings and presented findings to the board aid marketing▪ Developed and organized a year-long challenge to gamify lap swimming, incentivizing member participation and enhancing community engagement.	Whitinsville, MA

PERSONAL

- AI certifications from DeepLearning.AI (AI Python for Beginners and Generative AI for Everyone).
- Completed Brad Traversy's Next.js and MERN courses, as well as Creative Coding Club's GSAP course and Bruno Simon's Three.js Journey course.
- Certifications from HubSpot (Inbound Marketing) and Bloomberg (Market Concepts).
- Proficient in Spanish and spoken Chinese.