# Manny Hernandez

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## EDUCATION

**New York University** May '28

*Bachelor of Science, Finance & Mathematics* New York, NY

- Cumulative GPA: 3.97
- Lead Member of Undergraduate Business Association
- Member of NYU Quantitative Finance Society
- Member of NYU AI4CE Lab
- Researcher @ NYU Courant Institute

## WORK EXPERIENCE

**NYU AI/ML Lab** Nov '24 - Present

*Undergraduate Researcher* New York, NY

- Developed large-scale LLM (384K context window) from scratch using HPC clusters
- Benchmarked model performance against OpenAI's O-series and Deepseek R1
- Co-authored research on algorithmic reasoning and symbolic compression in LLMs

**Ecommerce Operator** Feb '19 - May '21

*Self-Employed* Chicago, IL

- Generated **$243K+** in revenue via TikTok-driven ecommerce stores during the pandemic
- Taught 5+ peers how to run profitable stores, sparking a small local scene

## HONORS

**Project Euler Top 0.1%** – Ranked among elite problem solvers globally

**Grant Recipient, NYU AI Research** – Awarded funding to develop a custom LLM (Ophelia)

**Top 1% SAT Nationwide** – 1580/1600 (800 Math)

**Algorithmic Research Publication (Pending)** – Work in symbolic reasoning and LLM optimization

## SKILLS

**Programming**: Python, TypeScript, SQL, React, Supabase, Node.js,

**Quant/Math**: Project Euler Top Ranker, Math Olympiads Finalist, Algorithm Design

**Other**: Speedcubing (~18s avg), Mandarin 中文中级, AI policy, Trading infrastructure