Davit Miroyan

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Education

- **University of Chicago** – BA in Economics and Cognitive Science — Sep 2025 – Present
- **Quantum College** – International Baccalaureate Diploma (41/45) — Sep 2022 – May 2024

Research and Projects

- Collaborated with a New York Academy of Sciences team to build a Socratic LLM agent that guides user reasoning. (GitHub)
- Designed and tested AI tools for math instruction, focusing on personalization and formative feedback. (GitHub)
- Authored a mathematics research paper analyzing the Hopfield and Boltzmann Networks. (GitHub)
- Developed a data management system for a medical center.

Honors & Awards

- Project of Distinction, 'Ethical AI' – New York Academy of Sciences — Dec 2024
- Full Scholarship, FUTURES program in Machine Learning – UC San Diego — Jan 2024

Organizations & Volunteering

- Armenian Red Cross Society
- Armenian Student Association at the University of Chicago
- Student Council at Quantum College

Skills

- Languages: English (proficient), Russian (proficient), Armenian (native)
- Programming languages: Python, Java
- Programming tools and frameworks: Flask, Git, VS Code, MySQL