

# Davit Miroyan

davitmiroyan@uchicago.edu 818-822-5537

## Education

---

- **University of Chicago** – BS in Computational and Applied Mathematics Sep 2025 – Present
- **Quantum College** – International Baccalaureate Diploma (41/45) Sep 2022 – May 2024

## Experience

---

- Authored a mathematics research paper analyzing the Hopfield and Boltzmann Networks. ([GitHub](#))
- Developed a data management system for a medical center.
- 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](#))

## 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