

Artificial Intelligence Careers | INDUSTRY GUIDE

Career Paths and Desired Skills

As artificial intelligence (AI) technology advances, employers in many different industries are now using AI platforms. A UChicago education gives you the tools you need to succeed in the age of AI, including critical thinking, problem-solving, effective communication, and specialized technical skills if needed. The College offers AI opportunities and resources for students interested in both technical and non-technical fields.

FIRST THINGS FIRST

Explore careers, build your AI toolkit, and stay up-to-date on AI programs, events, and internships!

- **Job shadow** with an alum to get a first-hand look at roles like AI Strategy Analyst, AI Implementation Consultant, Machine Learning Engineer, AI Research Scientist, and AI Product Developer.
 - **Winter Break Job Shadowing (Dec. 15 - 19):** Apply by November 10. **Spring Break Job Shadowing (Mar. 16-20):** Apply by February 17
- **Apply for a career trek** to meet employers, build your network, and learn about career paths in this growing field.
 - **Spring Break Tech and AI Trek to San Francisco (March 16-20):** Applications open in December, apply by January 20
- **Explore the Jeff Metcalf Internship Program** to find paid, substantive internships with employers who are innovating with AI such as OpenAI, Meta, Accenture, LexisNexis, Jupiter Intelligence, and Energize.ai.
- **Sign up for Career Advancement's industry newsletters** to get regular updates on AI opportunities in your area of interest.
- **To subscribe to Career Advancement's events calendar**, [copy this calendar feed URL](#) and add to any calendar application.

BUILD AND DEPLOY AI TOOLS

Participate in a workshop series and courses to learn key skills and gain a hands-on experience integrating or developing AI.

AI Integration Program

Students will identify a problem or inefficiency that could be improved or automated through AI. Over the course of the four workshops, students will learn how to map an AI workflow and then use technical tools to build it. The program will culminate in a demo day showcase.

- **Open to 2nd Years in any major, no technical experience required. | [Applications](#) open October 27 and close November 14.**

AI Development Program

In collaboration with instructors from the Data Science Institute, students will complete four workshops focused on skills required for technical AI roles at leading tech firms. They will gain hands on experience leveraging common foundational models and learn approaches to handling issues around hallucinations, operational guardrails, and AI-human interactions.

- **Open to 2nd and 3rd Years. Technical experience required. | [Applications](#) open October 27 and close January 4.**

IBM SkillsBuild Program

UChicago students have full access to IBM's SkillsBuild AI Campus Platform which includes on-demand classes and live sessions with employers. Learn to build a chatbot, discuss ethical considerations of AI, and hear from top companies like L'Oreal and the NBA about how they are using AI

- **Open to all College students. | [Sign up](#) and start learning any time!**

CONNECT AI TO INDUSTRIES

Learn how to apply AI technologies and tools in a specific industry.

AI In Finance

Participants will explore AI applications for trading careers in a series of bi-weekly workshops during Winter Quarter. Students will learn how to use AI for data analysis, build AI agents for financial research, and use agents for trading and portfolio management.

- **Open to all class years, Python experience required | [Applications](#) open November 3.**

AI Industry Challenges

These weekend-long, team-based challenges will task students with developing an AI-driven solution to a discipline-specific problem. Two competitions will be offered, one focused on robotics and another on molecular engineering.

- **Open to all class years and majors. | [Applications](#) open January 5**

PUT AI INTO PRACTICE

Implement your skills, solve real-world challenges, and get ready to secure top jobs in AI!

AI in Asia Summer Internship Immersion

Students will complete a funded summer internship in Hong Kong, Beijing, Shenzhen, or other major metropolitan hub in Asia. Opportunities include AI roles in business, finance, technology and startups with employers such as Oracle, Bank of China, Tencent, and Hanson Robotics.

- **Open to 1st, 2nd, and 3rd Years. | [Applications](#) open November 3 and close November 30.**

UChicago AI Vibe Coding Hackathon

This weekend-long event will challenge teams to develop and pitch an AI project in one of four industry areas. Students will engage in training workshops before competition weekend to learn key tools to develop their ideas. Event will have technical and non-technical tracks.

- **Open to all class years and majors. | [Sign Up opens October 28](#) | Hackathon dates: January 23-25.**

Technical Interview Prep Program

Students can sign-up for hour-long technical practice interviews to get ready for internship and full-time job interviews! Our team of practice interviewers includes graduate-level computer science students with experience at Citi, Amazon, Meta, Google, Microsoft, Qualcomm, and more!

- **Open to all College students. | [Sign up here](#).**