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!

- **Schedule an advising appointment** from a Careers in AI advisor for personalized support as you explore AI opportunities
  - **Lucy Brennan** brings a range of experience working at the intersection of society and technology, with professional experience supporting early-stage startups and facilitating programs with Big Tech companies including Google, Salesforce, and LinkedIn.
- **Sign up for Career Advancement's AI Newsletter** to get regular updates on events, programs, and job opportunities in artificial intelligence
- **Subscribe to Career Advancement's events calendar**, copy this calendar feed URL and add to any calendar application to stay up to date on professional development opportunities, job fairs, and more!

CONNECT AI TO INDUSTRIES

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

AI Metcalf Opportunities

Explore AI Internship & Job postings in **Handshake** to find paid, substantive internships with employers such as Open AI, Uber, Accenture, and more!

Apply for an AI Career Trek

On UChicago career treks, students travel to cities across the U.S. and around the world to network with leading employers. Discover career opportunities in the world's most dynamic markets from Abu Dhabi to Zurich!

- **Spring Break AI Treks to Amsterdam, Pittsburgh, and San Francisco (March 16-20) | Apply by January 20**

Job Shadow

Spend up to 5 days with an alum to get a first-hand look at roles like AI Strategy Analyst, AI Implementation Consultant, and ML Engineer.

- **Spring Break Job Shadowing (Mar. 16-20) | Apply by February 17**

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. l Applications open in Winter Quarter**

PUT AI INTO PRACTICE

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

Technical Interview Prep Program

Students can sign-up for hour-long technical practice interviews to get recruiting ready! 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. l Sign up here any time!**

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. l Register with your UChicago email and activation code IBMCHICAGO anytime!**

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 4 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. l Applications for Spring will open in the Winter Quarter.**

AI Development Program

In collaboration with the Data Science Institute, students will complete 4 workshops to build skills required for technical AI roles. They will gain experience leveraging foundational models and learn to handle issues around hallucinations, operational guardrails, and AI-human interactions.

- **Open to 2nd and 3rd Years. Technical experience required. l Applications for Spring will open in the Winter Quarter.**

WHICH AI SKILLS DO I NEED?

Use the tiers below for a general guide to AI skill requirements by job type. For information about AI competencies required for your specific career interests, reach out to your career adviser.

Tier 1: AI Fluency (All Jobs)
- **Key Skills:** Use AI tools and integrate them into your workflow
- **Helpful Resources:** AI Integration Program, IBM SkillsBuild

Tier 2: AI-Enhanced Integration (Strategy, Analyst, and Management Roles)
- **Key Skills:** Evaluate AI tools, design workflows that incorporate them, and translate AI outputs into strategic decisions
- **Helpful Resources:** AI Integration Program, AI in Finance, AI Industry Challenges, AI Hackathon

Tier 3: AI Creation and Innovation (Technical Roles)
- **Key Skills:** Design, build, and improve AI systems with deep technical training in machine learning, data science, and algorithmic thinking
- **Helpful Resources**: AI Development Program, AI Hackathon, Technical Interview Prep Program

AI EMPLOYER PARTNERS

Career Advancement connects students with employers across industries and around the globe for internships and jobs in AI!

Foundational AI & Big Tech
Amazon
Anthropic
IBM
FPT Software
Google
Meta
Microsoft
Open AI
Oracle
NVIDIA
Salesforce

AI Infrastructure & Computing
Anysphere
ASLM
Cerebras
CoreWeave
Databricks
Groq
Hammerspace
Lambda
Scale AI

Climate & Energy
Aurora Solar
CarbonBright
ClimateAI
Energize.ai
Jupiter Intelligence
OhmConnect
Watershed

Consulting
Accenture
Bain & Company
Boston Consulting Group
Capgemini
Deloitte
EY
McKinsey & Co.
PwC
RAND Worldwide

Enterprise AI & Security
Alta.ai
C3.ai
Darktrace
Palantir Technologies
Securiti.ai
Snowflake

Financial Services
Citadel
DRW
Goldman Sachs
JPMorgan Chase
Millennium Management
Stripe
TwoSigma

Law
Baker McKenzie
Casetext
Clio
Everlaw
Harvey
Ironclad
LexisNexis
Sidley Austin

Life Sciences
Abbvie
Benchling
Insilico Medicine
Genentech
Genesis Molecular AI
Prellis Biologics
Recursion Pharmaceuticals
Tempus AI

Linguistics
DeepL
Duolingo
Grammerly
Lilt
Reverso
Wordtune

Quantum
Alice & Bob
Applied Materials
Atlantic Quantum
Infleqtion
PSIQuantum
Quantinuum

Research Institutions
Allen Institute for AI
Argonne National Laboratory
Fermi National Accelerator Laboratory
Max Planck Institute for Intelligent Systems
MITRE
Sandia National Lab
Jiao Tong University Robotics Lab
Institute of AI at Donghua University

Robotics & Hardware
Agility Robotics
AtonArp
Boston Dynamics
JAKA Robotics
Covarient
Oversonic Robotics
Paragraf
Universal Robots

Startups & Venture
Applied Ventures
Arbol
Endex
Homie
Hum Capital
LawBandit
Sylvia.ai
Techstars
YCombinator