



AI in Action is a five-day customizable learning experience designed to fuel your curiosity, enhance your technical skills, and broaden your horizons in the rapidly evolving world of Artificial Intelligence. Over five days, the Northeastern community will come together in virtual and in-person sessions to explore applications of AI across a wide range of fields and disciplines. All students in the Northeastern network are invited to participate and earn a digital badge to demonstrate AI literacy.

MONDAY, APRIL 1: Opening Plenary Session

EXP 8th Floor & Virtual

TUESDAY, APRIL 2: Sessions

Boston & Virtual

Bolster Your AI Literacy

WEDNESDAY, APRIL 3: Sessions

Boston, Toronto & Virtual

AI for Professional Development

THURSDAY, APRIL 4: AI Career Fair & Sessions

Career Fair: Boston (*separate registration required*)

Sessions: Boston, Vancouver, Seattle, Oakland & Virtual

Applied AI: Innovation Across the Public and Private Sectors

FRIDAY, APRIL 5: Closing Plenary Session

Alumni Center & Virtual

MONDAY, APRIL 1 **Opening Plenary Session**

EXP 8th Floor (Boston, MA) & Virtual | 6 p.m. ET

Welcome to **AI in Action 2024**: a week dedicated to finding inspiration, driving innovation, and forging meaningful connections in the exciting world of artificial intelligence! The week begins on Monday, April 1, on the 8th floor of EXP with the Opening Plenary Session at 6 p.m. ET. The ceremony will feature remarks from our distinguished guest, Steve Chien, a renowned computer scientist, and artificial intelligence leader in robotic space exploration. Chien's address will explore **Artificial Intelligence in Space and the Hunt for Extraterrestrial Life**.



Keynote Speaker: **Steve Chien**

PL Fellow, Senior Research Scientist, Artificial Intelligence, Autonomous Systems
Jet Propulsion Laboratory, California Institute of Technology / NASA

[Learn More](#)

TUESDAY, APRIL 2

Bolster Your AI Literacy

Session 1: 6–7:20 p.m. ET

Title	Presenter	College	Location
A Brief History of AI & The Secrets of Making AI Work	Usama Fayyad	Khoury College of Computer Sciences and Institute for Experiential AI	Boston Behrakis 010
How To Talk to ChatGPT to (Hopefully) Get It To Do What You Want It To Do	Pat Leomi	College of Professional Studies	Boston EXP 202
Large Language Models and ChatGPT: What They Are and What They Are Not	Walid Saba	Institute for Experiential AI	Virtual

Session 2: 7:30–8:50 p.m. ET

Title	Presenter	College	Location
AI Governance	Mohammad Movahedi	College of Professional Studies	Virtual
Unleashing Creativity With AI: A Deep Dive into AI in Research	Tianchou Gong	Khoury College of Computer Sciences	Virtual
Navigating the AI Landscape: Enhancing Reading Comprehension & Critical Thinking Skills With ChatGPT	Celeste Martinez	College of Professional Studies	Virtual
Irresponsible AI	Ricardo Baeza-Yates	Khoury College of Computer Sciences and Institute for Experiential AI	Virtual

WEDNESDAY, APRIL 3

AI for Professional Development

Session 1: 6–7:20 p.m. ET

Title	Presenter	College	Location
Leveraging ChatGPT for Job Search Success	Mike Sun	College of Professional Studies	Toronto First Canadian Place (100 King St. W.) Classroom 5 46th Floor
A Data Scientist, a Data Engineer and a Data Analyst Walk Into an Organization	Hamit Hamutcu	Office of the Provost and Institute for Experiential AI	Boston EXP 201
Prompt Engineering: Maximizing Co-op Productivity With AI	Zach Blattner, Cait Enz	Institute for Experiential AI and Roux Institute	Virtual
Tangible AI for All	William Claster	College of Engineering	Virtual

Session 2: 7:30–8:50 p.m. ET

Title	Presenter	College	Location
Generative AI Strategies for Working Smarter and Getting More Done	James Gardner	College of Professional Studies	Boston EXP 204
Generative AI and the Co-op Job Search	Michelle Zaff, Jen Guillemain	College of Social Sciences & Humanities and D'Amore-McKim School of Business	Virtual
Effective, Appropriate, and Responsible Use of ChatGPT in the Workplace	Samuel Scarpino	Institute for Experiential AI and Roux Institute	Virtual

THURSDAY, APRIL 4

AI Career Fair

Hosted by the Institute for Experiential Artificial Intelligence

Curry Student Center (Boston, MA)

9 a.m.–1:30 p.m. ET

The **AI Career Fair** will be held on April 4, 2024, 9 a.m.–1:30 p.m., at the Curry Student Center. The fair brings together leading companies with Northeastern University's deep, multidisciplinary talent pool in AI, data science, LLMs, machine learning, computer science, and more.

[Register](#)

THURSDAY, APRIL 4

Applied AI: Innovation Across the Public and Private Sectors

Session 1: 4:40–5:55 p.m. ET

Title	Presenter	College	Location
Beating the Next Epidemic With AI	Ayan Paul, Alessandro Vespignani, Mauricio Santillana, Samuel Scarpino, Jessica Davis	Institute for Experiential AI and College of Science	Boston EXP 204
AI Ethics	Meica Magnani, Katie Creel, Vance Ricks	Khoury College of Computer Sciences	Boston ISEC 142
Brainstorming and Design Session: Harnessing AI to Foster Community at Northeastern	Stephen Intille	Khoury College of Computer Sciences	Boston West Village H 366
Everyday Robotics	Robin Walters, Robert Platt, Lawson Wong, David Rosen, David Klee	Khoury College of Computer Sciences	Virtual & Boston EXP 701
Exploring Generative AI in Higher Education: What Happens if We Outsource Thinking?	Ilka Kostka, Rachel Toncelli	College of Professional Studies	Virtual
Exploring Quality and Regulatory Considerations in AI for Healthcare: Asking the Right Questions for Safe and Trustworthy Systems	Attrayee Chakraborty	College of Professional Studies	Virtual
AI for Impact	David Fields	Office of the Provost	Virtual
Breaking the ML Black Box	David Bau	Khoury College of Computer Sciences	Virtual
Putting AI to Work: Experiential Project Showcase	Dan Koloski	College of Professional Studies, Khoury College of Computer Sciences, College of Science	Virtual
Accelerating Coding Mastery With GitHub Copilot: A Hands-on Data Analytics Dive	Prashant Mittal, Berkley Almand-Hunter	College of Professional Studies	Virtual

THURSDAY, APRIL 4

Applied AI: Innovation Across the Public and Private Sectors

Session 2: 6–7:20 p.m. ET

Title	Presenter	College	Location
Inclusive and Equitable Language Technologies	Malihe Alikhani, Silvio Amir	Khoury College of Computer Sciences	Boston West Village H 210B
Building a Custom Data Chatbot: An Experiential AI Session	Yvonne Leung, Dhruv Rajendrakumar Patel, Dhruvi Jugalkishor Modi	College of Professional Studies	Toronto First Canadian Place (100 King St. W.) Classroom 3 & 4
MUGC: Machine-Generated Versus User-Generated Content	Shanu Sushmita	Khoury College of Computer Sciences	Seattle Event Space 225 Terry Ave N
From Hallucinations to Hallelujah: Falling Forward – Embracing Generative AI Error as the Fuel for Creative Innovation	William Francis Gates	College of Professional Studies	Virtual
Learn AI From an Amazon Scholar	Taskin Padir	College of Engineering	Virtual
Learn to Cook With AI-Powered Recipe Guidance in Augmented Reality (AR)	Mark Zolotas	College of Engineering	Virtual
Developing a GenAI Empowered Chatbot to Support Diverse Small Businesses	Xiaomu Zhou	College of Professional Studies	Virtual
How to Speak Bot– Building Tools to Advance Education and Learning With AI	Nik Bear Brown, Dev Shah, Yash Gopalji Pankhania	Office of the Provost and College of Engineering	Virtual
At the Intersection of AI and Climate: BlueTech at the Roux Institute	Alan Jamieson	Khoury College of Computer Sciences	Virtual

THURSDAY, APRIL 4

Applied AI: Innovation Across the Public and Private Sectors

Session 3: 7:30–8:50 p.m. ET

Title	Presenter	College	Location
Artificial Intelligence in Rehabilitation: Advancing the Art of Clinical Practice in the Age of Technology	Mat Yarossi	Bouvé College of Health Sciences and Institute for Experiential AI	Boston Behrakis 325
What is the Future of Programming (With AI)?	Arjun Guha	Khoury College of Computer Sciences	Boston West Village H 102
Unraveling the Power of Graph Neural Networks	Chinthaka Pathum Dinesh Herath Gedara	College of Professional Studies	Vancouver Classroom 1515
Large Language Models as an Emerging Pedagogical Space	Tomás Galguera	Mills College	Oakland Mills Hall 135
Using Generative AI for Research and Learning About Historical Sociology	Balazs Szelenyi	College of Professional Studies	Virtual
AI for Health and Wellbeing: Opportunities and Challenges	Byron Wallace	Khoury College of Computer Sciences	Virtual
Diversity, Equity, and AI-Inclusion	Michael McCluskey	College of Social Sciences and Humanities	Virtual
Designing Generative AI for Rural Workers	Saiph Savage	Khoury College of Computer Sciences	Virtual
Generative AI for Education: Create Modern Coursework in an Hour!	Alan Eng	Silicon Valley	Virtual
AI in Computational Medicine and Epidemiology	Matteo Chinazzi, Saeed Amal, Kiran Vanaja	The Roux Institute	Virtual

FRIDAY, APRIL 5

Closing Plenary Session

Alumni Center (Boston, MA) & Virtual | 12 p.m. ET

As our journey nears its end, we invite you to come together for a Closing Plenary Session, co-hosted by the Burnes Center. We will have the honor of hearing from our own Beth Simone Noveck, Director of the Burnes Center, as she introduces and honors Audrey Tang, Taiwan's Minister of Digital Affairs. Minister Tang's work focuses on leveraging technology to enhance government transparency and leading Taiwan to an inclusive digital era.



Keynote Speaker:

Audrey Tang

Minister of Digital Affairs
Taiwan

[Learn More](#)



Facilitated by:

Beth Simone Noveck

Director, Burnes Center for Social Change
Professor, College of Social Sciences and
Humanities, Northeastern University