



IBM CSR for Academia Programs

Jelena Škalec
Data&AI Technical Sales
Jskalec@hr.ibm.com

MISSION STATEMENT

We **are the intersection** of academia and IBM providing technology, supporting research and creating assets to advance relevant skills for today's workforce

Providing **technology**

Supporting **research**

Supporting **advancement of relevant skills** for today's workforce



Participating universities from around the world

12,000+

Faculty users

900,000+

Students benefitting

10,000+

Academic institutions

1M

Certificates
earned

334

Courses

110+

Countries



Learn in-demand skills for today's, tomorrow's job market



Power



Artificial intelligence



Cloud



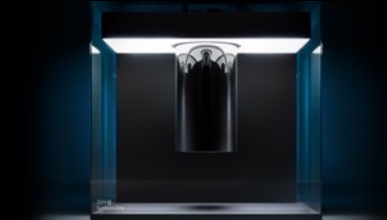
Data Science



Security




IBM Z



Quantum

IBM CSR for Academia Programs - IBM SkillsBuild flavours

IBM SkillsBuild




Free courses for anything from technology to softskills.

👉 [Just register for free and start learning!](#)

IBM SkillsBuild

for Academia

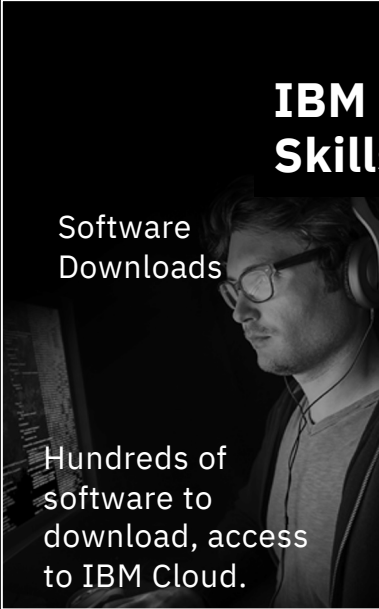


Training for teachers & ready to use teaching materials.

👉 [Apply as a Faculty to get enrolled by IBM.](#)

IBM SkillsBuild

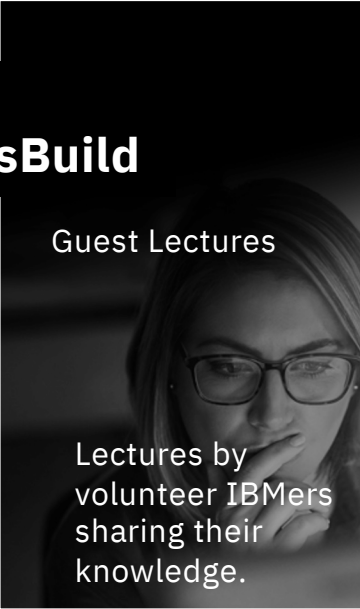
Software Downloads



Hundreds of software to download, access to IBM Cloud.

👉 [Register with university domain email and access for free.](#)

Guest Lectures



Lectures by volunteer IBMers sharing their knowledge.

👉 [Register with university domain email and access for free.](#)

IBM SkillsBuild ↻

Power your future in tech with job skills, courses, and credentials—for free.

3 Takes of IBM SkillsBuild

NEED

Get access to online learning materials

Get training and resources to deliver full semester modules in technology

Get hands-on experience with IBM Software and IBM Cloud

ACTION

[Register to IBM SkillsBuild as “adult learner”](#)

Apply for IBM SkillsBuild for Academia Program (jan_louda@cz.ibm.com)

[Register at IBM SkillsBuild SW Downloads](#)

BENEFIT

Get access to hundreds of learning modules and micro-credentials across many disciplines.

Get train-the-trainer education, access to materials and labs for delivery of semester modules in AI, Data Science, Cloud, Security or Design Thinking.

Get access to Software Downloads, IBM Cloud Access, & advanced learning material and guest lectures offering.



IBM SkillsBuild for adult learners



Recommended learning based on your personal profile



Micro-credentials (badges) marking your achievements



Wide range of courses from soft-skills to technology



Completely self-service

IBM SkillsBuild

Step 1 Please select your areas of interest

Job roles

Customer service representative Cybersecurity analyst Data analyst Designer IT support technician Project manager

Web developer

Professional skills

Career planning Collaboration Communication Critical thinking Decision making Digital literacy Diversity and inclusion

Interpersonal skills Leadership Mindfulness Problem solving Professionalism Resilience Virtual teaming Working in a digital world

Technology skills

Artificial intelligence (AI) Blockchain Cloud computing Cybersecurity Data and analytics Digital marketing

Enterprise computing Information technology (IT) Internet of Things (IoT) Open source software Quantum computing Web development

Ways of working

Agile methodology Design thinking Digital strategies for small business Entrepreneurial mindset Project management

Job readiness

Creating a digital brand Interviewing Resume writing Searching for jobs in difficult times Succeeding in a new job Working from home

Updates & Reminders

Yes, SkillsBuild can send me periodic emails.

Next

Dovednostní reference

Enterprise Design Thinking - Instructor...

Vydáno 20 Oct 2022

Znalostní reference

Containers & Kubernetes Essentials

Vydáno 20 Aug 2021

Znalostní reference

Node-RED: basics to bots

Vydáno 02 Mar 2021

Dovednostní reference

IBM Recognized Teacher/ Educator

Vydáno 06 Oct 2020

IBM SkillsBuild

Recommended learning

Selected for you by experts

Web Development: Introduction to Programming

- Learning Plan: Web Development Fundamentals (Earn a badge) | About 12 hours | 116 reviews | 153
- Video: Why you should learn to code | Code.org | 2 mins 14 s | 1,422 reviews | 541
- Video: What is Programming? | Khan Academy | 2 mins 14 s | 2,710 reviews | 10
- Video: IBM SkillsBuild Presents: How to... | IBM SkillsBuild | 57 mins | 1,200 reviews | 43
- Video: Introduction to Programming and... | IBM SkillsBuild | 3 hr 59 mins | 24
- Video: Introduction to Programming | EE the... | IBM SkillsBuild | 52 mins | 710 reviews | 61

Web Development: Learn GitHub

- Learning Plan: Web Development Fundamentals (Earn a badge) | About 12 hours | 116 reviews | 153
- Webpage: What is open source? | IBM SkillsBuild | 15 mins | 1,394 reviews | 50
- Video: GitHub Tutorial 2020 - Beginner's Training... | IBM SkillsBuild | 4:07 | 437 reviews | 64
- Video: Git and GitHub for Beginners - Crash... | IBM SkillsBuild | 3:14 | 156 reviews | 30
- Microlearning: First Day on GitHub | GitHub Learning Lab | 3 hrs | 437 reviews | 54
- Microlearning: Learn Git | Codecademy | 10 hrs | 312 reviews | 15

Web Development: Learn HTML

- Learning Plan: Web Development Fundamentals (Earn a badge) | About 12 hours | 116 reviews | 153
- Video: HTML in 10 Minutes | IBM SkillsBuild | 10 mins 54 s | 799 reviews | 49
- Video: HTML Full Course - Build a Website Tutor... | IBM SkillsBuild | 2 hrs 2 mins 21 s | 74 reviews | 30
- Video: HTML Tutorial For Beginners | Learn HTML... | IBM SkillsBuild | 2 hrs 2 mins 21 s | 427 reviews | 17
- Microlearning: Build Your First Web Pages With HTML and... | IBM SkillsBuild | 3 hrs | 414 reviews | 11
- Microlearning: Basic HTML and HTML5 | freeCodeCamp | 3 hrs | 456 reviews | 12



IBM SkillsBuild for Academia Program

A combined skills-oriented training program to help empower students' world over from various academic backgrounds with the right mix of skills needed to excel in today's ever evolving, high demand job market.



Artificial
Intelligence

Cloud
Computing

Cyber
Security

Data Science

Design
Thinking

Interested in specific content offered by the program?

👉 <https://skillsbuild.org/college-educators/learning-pathways>

How does it work?

We provide a cloud-enabled learning environment and train-the-trainer learning model leveraging IBM and open-source technology.

Upon successful course completion, the faculty and students can receive badges on relevant skills.

Course progression- Badges earned

“A learning curve is essential to growth.”

Tammy Bjellanda

Self-paced courses

Instructor-led

IBM
Academic
Initiative

Level 1
Foundational

Getting Started
with Enterprise
Data Science



IBM Academic Initiative
Foundational



IBM
SkillsBuild
for Academia

Level 2
Intermediate

Enterprise
Data Science
in Practice



IBM Skills Academy
Intermediate
SELF-PACED



IBM
SkillsBuild
for Academia

Level 3
Advanced

Machine
Learning for
Data Science
Projects



IBM Skills Academy
Advanced
SELF-PACED



IBM
SkillsBuild
for Academia

T3
Workshop



IBM Data Science
Practitioner - Instructor
Certificate

IBM Skills Academy

IBM
SkillsBuild
for Academia

Student
Training



IBM Data Science
Practitioner
Certificate

IBM Skills Academy



IBM SkillsBuild software downloads

enables students and faculty at accredited academic institutions to access IBM resources through a no-charge, self-service program that will provide them with the skills to help distinguish themselves in their career.



Through the **IBM SkillsBuild software downloads**, you get...



IBM Cloud access and
cloud-based resources



Access to **commercial-grade
software**



Access to IBM **digital
badge courses**



Faculty access to
enterprise-quality courses

IBM Guest Lectures

The IBM University Guest Lectures program mobilizes a global network of technical subject matter experts (SMEs) who serve as IBM Academic Ambassadors to speak on topics in their expertise to students in university settings. Lectures are available, in the classroom, virtually or on demand.





IBM Academic Ambassadors

IBM's Global University Programs are supported by thousands of volunteer academic ambassadors who offer



Guest Lectures



Mentoring



Advisory Board
Members



Expert Advice and
Counsel



And much more...

Resources

IBM SkillsBuild SW Downloads
ibm.com/academic

IBM Guest Lectures
ibm.com/academic/lectures

IBM SkillsBuild for Academia
<https://skillsbuild.org/college-educators/learning-pathways>

IBM Cloud free access
<https://ibm.biz/freecloud>

SkillsBuild for students – general link:
<https://skillsbuild.org/college-students>

Design Thinking Courses
<https://www.ibm.com/design/thinking/>

Project management Fundamentals
<https://skills.yourlearning.ibm.com/activity/ILB-DNRVRVRGKDNQPQ9X>



Registration Guides

IBM SkillsBuild SW Downloads (nominating institution – 1st time access)

<https://github.com/academic-initiative/documentation/tree/main/academic-initiative/how-to/How-to-nominate-your-institution-to-the-IBM-Academic-Initiative>

IBM SkillsBuild SW Downloads (registration for enlisted institution)

<https://github.com/academic-initiative/documentation/tree/main/academic-initiative/how-to/How-to-register-with-the-IBM-Academic-Initiative>

IBM Cloud - free access (no credit card required):

Step 1: Request Cloud feature code in IBM SkillsBuild SW Downloads

<https://github.com/academic-initiative/documentation/tree/main/academic-initiative/how-to/How-to-request-and-IBM-Cloud-Feature-Code>

Step 2: Create Cloud account using the feature code from step1

<https://github.com/academic-initiative/documentation/tree/main/academic-initiative/how-to/How-to-create-an-IBM-Cloud-account>

<https://skills.yourlearning.ibm.com/activity/PLAN-C4FCC67D3E76>

Working in a Digital World: Professional Skills
IBM

Learning Plan
Professional Skills

Hours 5,754 ★★★★★ 809

Learning Plan
Present with Purpose (Earn a badge!)
2 hrs 35 mins
39,405
★★★★★ 1,248

Learning Plan
Collaborate Effectively (Earn a badge!)
1 hr 10 mins
14,105
★★★★★ 354

Learning Plan
Interpersonal Skills (Earn a badge!)
1 hr 30 mins
39,772
★★★★★ 1,137

Learning Plan
Deliver Quality Work with Agility (Earn a...)
1 hr 15 mins
13,526
★★★★★ 278

Learning Plan
Solving Problems with Critical and Creative...
1 hr 50 mins
12,772
★★★★★ 390

<https://skills.yourlearning.ibm.com/activity/PLAN-EB2D3DA31CF9>

Explore Emerging Tech
IBM

Learning Plan
Explore Emerging Tech (Earn a badge!)

Hours 5,007 ★★★★★ 647

Cybersecurity
0% 0 complete of 3 required

Complete 3 required

Learning Plan
What is cybersecurity?
1 hr
33,686
★★★★★ 545

Learning Plan
How is cybersecurity used?
30 mins
8,361
★★★★★ 310

Learning Plan
IBM and Cybersecurity
30 mins
7,895
★★★★★ 299

Cloud computing
0% 0 complete of 2 required

Complete 2 required

Learning Plan
What is cloud computing?
45 mins
23,688
★★★★★ 1,432

Learning Plan
How is cloud computing used?
25 mins
22,497
★★★★★ 751

Blockchain
0% 0 complete of 2 required

Complete 2 required

Learning Plan
What is blockchain?
35 mins
4,321
★★★★★ 254

Learning Plan
How is blockchain used?
35 mins
6,578
★★★★★ 256

Data science (data and analytics)
0% 0 complete of 3 required

Complete 3 required

Learning Plan
What is data science?
30 mins
11,973
★★★★★ 542

Learning Plan
Techniques to Manage, Share, and Put Data to...
25 mins
8,704
★★★★★ 259

Learning Plan
Data Science in the Real World
30 mins
11,353
★★★★★ 423

Artificial Intelligence (AI)
0% 0 complete of 2 required

Complete 2 required

Learning Plan
What is artificial intelligence?
45 mins
14,626
★★★★★ 838

Learning Plan
Artificial Intelligence in Practice
40 mins
15,411
★★★★★ 576

Internet of Things (IoT)
● Complete

Complete 1 required

Learning Plan
What is the Internet of Things?
● Completed 28 Jul 2023

IBM Data Science Focus (example resources)



Data Science Fundamentals course

https://www.ibm.com/academic/topic/data-science?ach_id=e5c3f98b-ee96-45d4-b153-d58b1efb8b30

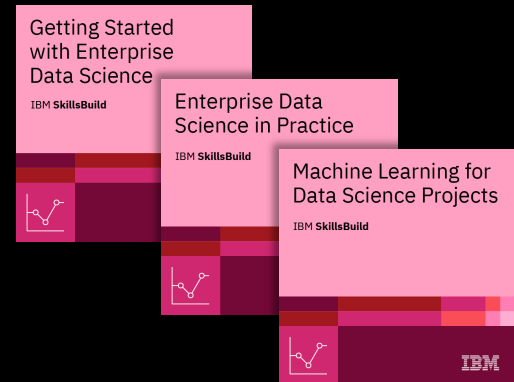


Data Science Learning Path

<https://skillsbuild.org/college-students/digital-credentials#data-science>

Other AI Resources

<https://www.ibm.com/academic/topic/data-science>



IBM AI Focus (example resources)

Artificial Intelligence Learning Path

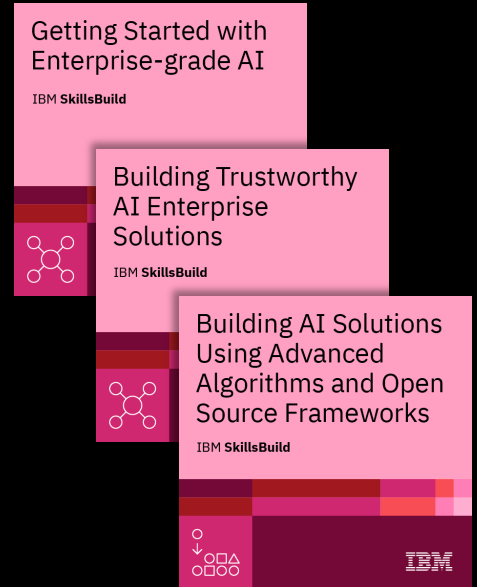
<https://skillsbuild.org/college-students/digital-credentials>

IBM AI Education

<https://www.mindspark.org/ibm-ai>

Other AI Resources

<https://www.ibm.com/academic/topic/artificial-intelligence>



IBM CyberSecurity Focus (example resources)

CyberSecurity Fundamentals (6hrs elearning modules + badge)

<https://skills.yourlearning.ibm.com/activity/PLAN-FA511CDFAF48>

CyberSecurity Learning Path

<https://skillsbuild.org/college-students/digital-credentials#cybersecurity>

Security Learning Academy

<https://www.securitylearningacademy.com>

Security SW download + Qradar training courseware

<https://www.ibm.com/academic/topic/security>



IBM SkillsBuild software downloads

Through the **IBM SkillsBuild software downloads**, you get...



Access to **commercial-grade software**



IBM Cloud access and cloud-based resources



Access to IBM **digital badge courses**

ibm.com/academic



IBM