

IBM zSystems Skills Programs

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Programas IBM Z Skills estão causando um grande impacto

Alguns dos nossos programas:

- Programas acadêmicos
- Feira de Carreiras
- Treinamentos on-line gratuitos
- Uma comunidade global
- Recursos para o empregador

200k+

Novos
desenvolvedores e
estudantes envolvidos
com nossas
comunidades

1000+

ensino médio
Faculdades e
Universidades

32k

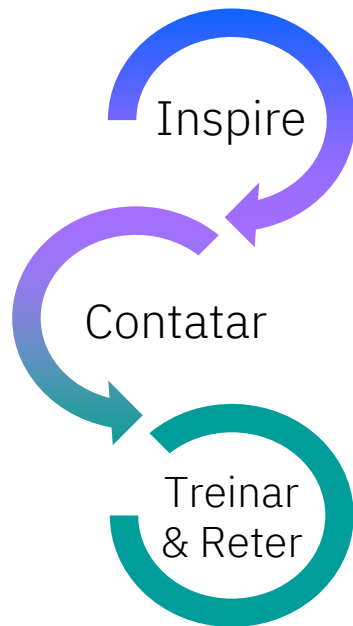
Participantes z/OS Practitioner Certificate e COBOL

2K

Membros da Comunidade New to IBM zSystems™
com profissionais

Preencha a lacuna de skills

Participe de programas comprovados para atender às necessidades de talentos



Inspire talentos NextGen
Participe de **Eventos Career Connection**

Contrate talentos com credenciais
Recrute em **Feira Virtual de Carreiras IBM zSystems**

Desenvolva habilidades e retenha talentos
Aproveite o **Global Skills Accelerator** com 300+ horas de treinamento e coaching e ter novos contratados se juntando com os **New to zSystems user group**

Fale Conosco: zskills@us.ibm.com

Explore mais: ibm.biz/ztalent

IBM Training: [Introduction to Z](#)



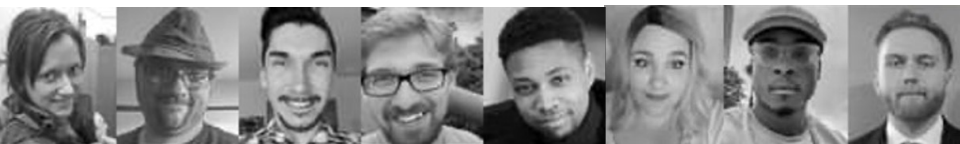
Resultados Skills Accelerator Program

189 contratados em 30 empresas

- 28% Mulheres
- 76% Diversidade
- 10% Veteranos
- 60% sem diploma universitário

MSA I programa qualifica para 45 créditos universitários nos EUA

TODOS os empregadores de mainframe voltaram para contratações adicionais!



“Nossos alunos estão se destacando no Programa IBM Z Global Skills Accelerator e alcançando grandes progressos. Tem sido uma maneira muito eficaz de desenvolver as habilidades de nossa equipe de mainframe existente.”

Monique Boudreau

*Manager, Mainframe Horizontal - Business Operations Division
Shared Services Canada*

IBM Global Skills Accelerator

Clientes Indicam Alunos

- Os clientes contratam nas trilhas Mainframe Systems Administrator (MSA I) ou Mainframe Application Developer (App Dev)
- Empregadores oferecem orientação e treinamento no trabalho

Franklin Fornece Administração do Programa

- Franklin Apprenticeships trabalha com gerentes de clientes e alunos para:
 - Mapear os detalhes do programa
 - Discutir o conjunto de habilidades atual e o cronograma do curso
 - Alinhar o plano de aprendizagem do programa
 - Atribuir treinadores de sucesso aos alunos
- Administração do programa:
 - Agendar discussões técnicas oferecidas por especialistas da IBM
 - Fornece suporte para entrada e suporte aprendizagem
 - Realiza análises de progresso
 - Realiza a conclusão bem-sucedida do Global Skills Program

Detalhes do Programa

- O Skills Program é um conjunto de cursos online virtuais
- A Jornada do programa geralmente é de 1 ano, mas pode ser personalizado para atender às suas necessidades de entrega
- Os cursos têm credenciais digitais e certificados para ganhar durante todo o período
- Especialistas técnicos da IBM via conferência
- Aluno recebe Certificado de Conclusão de Programa

Valor

- MSA I e App Dev é \$6,000 USD/Aluno
- Opção para progredir para o Mainframe System Administrator II (MSA II) - \$8,500 USD/Aluno

A fórmula de sucesso para construir talentos qualificados

Programa baseado em competências

- 300+ Horas de aprendizagem
- Coach de Sucesso para participantes e gestores
- Treinamento “On the Job”
- Mentoria técnica

Mainframe System Admin (MSA I)

Mainframe System Administrator I

Conteúdo

Common Foundational Learning Content

- Introduction to Computer Science
- IBM Z Xplore
 - Fundamentals
 - Concepts
 - Advanced
- z/OS Practitioner Certification Course
 - Intro to IBM z/OS
 - Intro to z/OS Commands and Panels
 - Systems Programming on IBM Z

92 hours

Learning Content

- Networking Principles
- z/OS REXX Programming
 - Introduction to REXX Programming
 - REXX Keyword Instructions
 - REXX Built-in Functions
 - REXX with z/OS and TSO/E
- z/OS System Services Structure
- SMP/E for z/OS Workshop
- Db2 Fundamentals
- CICS & IMS: IBM CICS Video Course Series
 - Controlling CICS Operations
 - IMS 15 Introduction
 - IMS Diagnostics
- z/OS Introduction: An IBM Redbooks video course
- z/OS JCL: Introduction to z/OS JCL

200 hours

Mainframe System Admin (MSA II)

[Mainframe System Administrator II](#)

Conteúdo

Common Foundational Learning Content

- Introduction to Computer Science
- IBM Z Xplore
 - Fundamentals
 - Concepts
 - Advanced
- z/OS Practitioner Certification Course
 - Intro to IBM z/OS
 - Intro to z/OS Commands and Panels
 - Systems Programming on IBM Z

92 hours

Learning Content

- Agile Explorer
- Professional Skills
- Introduction to Computer Science
- Leadership Skills
 - Enterprise Design Thinking Practitioner - Training
- IBM Z HMC Operations
- IMS Fundamentals/Diagnostics
- IBM Z System Automation Curriculum
- IBM Mainframe Specialist z/OS Expert 2.5
- Db2 - Database Management System Series
- Zowe Fundamentals
- Z Performance - Introduction to Mainframe Performance
- IBM Wazi Developer Fundamentals

200 hours

Application Developer

Mainframe Application Developer

Conteúdo

Common Foundational Learning Content

- Introduction to Computer Science
- IBM Z Xplore
 - Fundamentals
 - Concepts
 - Advanced
- z/OS Practitioner Badge
 - Intro to IBM z/OS
 - Intro to z/OS Commands and Panels
 - Systems Programming on IBM Z

92 hours

Learning Content

- Agile Practices
 - Operations
 - Program fundamentals
- Leadership Skills: Communication skills for software engineers
- Big data and analytics
 - Data 101
 - Hadoop 101
 - Spark Fundamentals
- Web Development Fundamentals
 - Front-End Web Development Quick Start w/HTML5, CSS, JavaScript
 - Intro to Web Development / iQuery Fundamentals
 - Angular: Getting started / Designing RESTful Web APIs
 - A Practical Start with React / Building Application w/React and Flux
- Cleaning code and social code behaviors
 - Managing technical debt
 - Clean code: writing codes for humans
 - GitHub fundamentals
 - Understanding and eliminating technical debt
- Introduction to fundamental and imperative languages
 - JavaScript Fundamentals Vol 1,2,3 & JavaScript
 - Development Environment
 - Node.js
 - Python
 - Java Fundamentals, Core Platform & Fundamentals
- COBOL Programming with VSCode
- Test Driven Development: Big picture
- Continuous integration and continuous delivery practices: Big Picture/ Getting started with Jenkins 2
- Feature Decoupling: Feature Toggles
- DevOps tools: **Chef, Travis, Ansible, Jenkins** – DevOps Big Picture
 - Implementing DevOps in the real world
 - Travis CI Tutorial
- Cloud computing fundamentals: IBM Cloud Essentials
 - IBM Cloud Application Development V3
 - IBM Cloudant
 - **Docker Containers** – Big Picture
 - Container & Kubernetes Essentials
 - Introduction to OpenStack
 - Get started with Microservices ISTII0
 - Beyond basics ISTII0
- Enterprise solutions
 - Db2 Fundamentals / Managing Db2 Operations
 - IBM CICS Video Course series
 - Modernize Applications with IBM CICS
 - IMS Fundamentals

240 hours

Próximos passos

Encontrar

IBM irá marcar uma reunião inicial com a Franklin Apprenticeship para discutir:

- Número de alunos
- Percursos de aprendizagem desejados
- Revisão do Document of Understanding (DOU) com a Franklin
- Data de início prevista

Confirmar

Assim que todos os detalhes forem finalizados, o cliente:

- Assinar um DOU com a Franklin
- Completar processo de compra com a Franklin
- Finalizar pagamento

Começar

Ao assinar e finalizar o pagamento, Franklin irá:

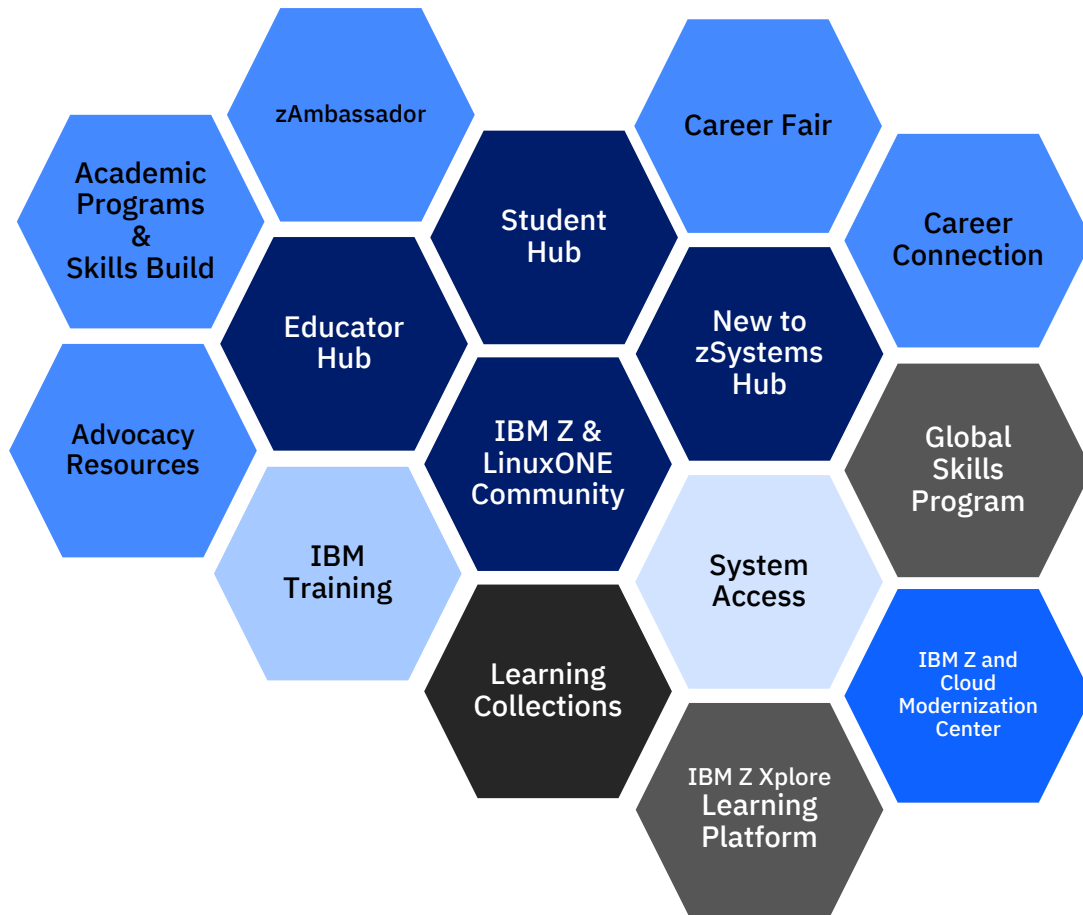
- Iniciar o trabalho com os alunos e iniciar o programa

Visite ibm.biz/ztalent para saber mais



Portfolio

IBM zSystems Skills tem um portfólio que pode ajudar empresas de todos os portes a construir uma força de trabalho sustentável



Uma nova experiência de aprendizagem

IBM Z Xplore é uma plataforma de aprendizagem interativa e disponível durante todo o ano para qualquer pessoa obter experiência prática em uma variedade de tecnologias, desenvolver habilidades valiosas e ganhar credenciais reconhecidas pela indústria - **sem necessidade de conhecimento prévio!**

Você encontrará:

- Desafios práticos

- Percursos de aprendizagem progressivos
- Acesso direto a ambientes IBM zSystems
- Comunidade de usuários e ranking
- Credenciais digitais

Fundamentals + Concepts

Datasets | VS Code | JCL | Python | USS | Segurança |
disponibilidade | escalabilidade | RACF

Advanced

REXX | COBOL | Linux | SQL1

Extended

TSO/ISPF | Node.js | Machine Learning | Ansible



Concepts
Badge



Advanced
Badge

Registre-se: ibm.biz/ibmz-xplore

IBM Z Xplore Learning Platform

Organize um mini code-a-thon para experimentar maneiras modernas de trabalhar com o mainframe



AMBIENTE E FERRAMENTAS

Trabalhe com ferramentas e linguagens de código aberto, JCL tradicional, Internet das Coisas, processamento de transações e tecnologias web. Python é a principal linguagem de programação.

ACESSO MINI CODE-A-THON

Seu contato IBM fornecerá um link exclusivo do IBM Z Xplore para acessar o mini hack

SOFTWARE DOWNLOADS

- VS Code
- Node.js

LINKS COM RECURSOS

- [IBM Z Xplore Overview Kit](#)
- [Information Page](#)

O IBM Z Xplore mini code-a-thon é um evento de um dia com desafios práticos e individualizados projetados para experimentar maneiras modernas de trabalhar em um mainframe.

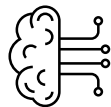
Use as ferramentas de desenvolvedor para criar interfaces modernas com as linguagens de computador atuais.

O participante criará uma interface web para um aplicativo z/OS e utilizará dados de dispositivos IoT.

Não é necessária experiência prévia.



DURAÇÃO:
Um dia



COMMUNITY

IBM zSystems and LinuxONE offers communities for knowledge development, idea exchange, with blogs, forums, participation of technical and business experts, focused on new professionals!

Join the user groups according to your profile.



NEW TO zSYSTEMS

For developers new to the mainframe, the New to zSystems community is a place to start building your career on this mission-critical enterprise platform.

ibm.biz/newtozsystems



zSTUDENT HUB

For students wanting to explore careers in enterprise computing & prepare for the future of work

ibm.biz/studenthub



zEDUCATOR HUB

The IBM zSystems Educator Hub is a one-stop destination for IBM zSystems educators to find the latest communications, news and events, as well as collaborate and network

ibm.biz/ztalent

ibm.biz/educatorhub 14

Are you an early career professional with less than 10 years of experience on IBM zSystems?

The New to IBM zSystems community is the place to equip you with all the right tools so you can grow & succeed in your career!



Diverse Network

Build your connection with over 2000 passionate, engaged members worldwide



Build Knowledge

Learn and deepen your knowledge base through monthly events, discussions and blogs



Innovate

Be inspired by stories of innovation from other members on your journey to modernization



Resource Rich

Access library of videos and resources, with rich technical content

Join now

<http://ibm.biz/newtoibmz>

Questions? Contact zskills@us.ibm.com





Additional Education – Training and Communities Available

Title	Description	Link
Getting started with IBM Z	Hands-on resources to get an understanding of IBM Z concepts and technologies. Includes IBM Redbook video courses – z/OS Introduction, CICS, IMS, Cobol	developer.ibm.com/components/ibmz
Learning Collections	Introduction to IBM Z	ibm.biz/zpath-introduction
	Application Modernization with IBM z/OS	ibm.biz/zpath-modernization
	Architecting Applications with IBM Z	ibm.biz/zpath-architecting
	IBM Z System Administrator	ibm.biz/zpath-administrator
	DevOps Transformations for IBM zSystems and CICD pipelines with DBB Git	ibm.biz/zsystemsDevOps
IBM Z Xplore	Mobile gaming app, interactive learning experience, IBM Z system access, student contest – build skills and earn badges	ibm.biz/ibmz-xplore
z/OS Mainframe Practitioner Certificate	Develop foundational skills in IBM Z hardware and software	ibm.biz/course-zosintroduction
IBM Training	(fee & no cost) Mainframe training, articles, badges, certificates and Learning Journeys	ibm.com/training/search?query=Mainframe
Open Mainframe Project	Cobol & Zowe classes	openmainframeproject.org/projects
Other opportunities to learn and take advantage		
Communities	New to IBM Z: For professionals new or up to 10-years experience on the mainframe	ibm.biz/newtoibmz
	Student Hub: For students wanting to explore careers in enterprise computing & prepare for the future of work	ibm.biz/ibmzstudenthub
	Educator Hub: One-stop destination for IBM Z educators to find the latest communications, news and events, as well as collaborate and network	ibm.biz/ibmzeducatorhub
IBM Skills Build Downloads (educators and students only)	Access to select IBM resources through a free self-service program that will provide students with the skills to differentiate themselves in their career.	ibm.biz/z-academic
IBM Z Trial Softwares	Try the latest IBM® Z® software today at no charge, and with no installation required.	ibm.biz/ibmztrial

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