



Call for Code Founding Partner



CALL FOR CODE GLOBAL INITIATIVE 2018

Commit to the cause. Push for change.



NATURAL DISASTERS

ARE AMONG THE WORLD'S GREATEST CHALLENGES

2017 WAS ONE OF
THE WORST YEARS
ON RECORD FOR
NATURAL DISASTERS;
WHILE WEATHER EVENTS
MAY BE INEVITABLE,
THEY DON'T HAVE TO
BECOME DISASTERS



2.5
BILLION
PEOPLE
DIRECTLY
AFFECTED
SINCE 2000

\$1.5
TRILLION
ECONOMIC
IMPACT
SINCE 2003

UP
240%
OVER 30 YEARS

MITIGATING DISASTERS,
MAKING COMMUNITIES MORE RESILIENT, AND
SAFEGUARDING HUMAN LIFE HAS NEVER BEEN MORE CRITICAL

TECHNOLOGY—AND THOSE WHO
WIELD IT—HAVE THE POWER TO
FUNDAMENTALLY CHANGE THE WORLD

HOW WOULD
22 MILLION
DEVELOPERS SOLVE
SOME OF THE
WORLD'S GREATEST
PROBLEMS IF
GIVEN A CHANCE TO
ANSWER THE CALL?





CALL FOR CODE GLOBAL INITIATIVE 2018

Commit to the cause. Push for change.

Call for Code inspires developers to solve **pressing global problems** with **sustainable software solutions**, delivering on their vast potential to do good.

Bringing together NGOs, academic institutions, enterprises, and startup developers to compete build effective **disaster mitigation solutions**, with a focus on health and well-being.

International Federation of Red Cross/Red Crescent, The American Red Cross, and the United Nations Office of Human Rights combine for the ***Call for Code Award*** to elevate the profile of developers.

Award winners will receive **long-term support** through **open source foundations**, **financial prizes**, the **opportunity to present their solution to leading VCs**, and will deploy their solution through the **IBM Corporate Service Corps**.

Developers will jump-start their project with dedicated **IBM Code Patterns**, combined with **optional enterprise technology** to build projects over the course of three months.

Judged by the world's most **renowned technologists**, the **grand prize** will be presented in **October** at an Award Event.



Build resilient financial networks to execute secure transactions quickly

Code Patterns

- [Deploy an asset-transfer app using blockchain](#)
- [Create your first blockchain network](#)
- [Create and execute blockchain smart contracts](#)
- [Automate business processes via blockchain events](#)
- [Enable customers to send and receive funds online](#)

A collage of three images. The top left image shows a woman in profile, looking at multiple computer monitors displaying data in a control room. The middle image is a map of the island of Puerto Rico, highlighting various locations like San Juan, Carolina, Ponce, and Culebra. The bottom right image shows a street scene in Puerto Rico after a flood, with water covering the road and cars partially submerged.

Translate
voice and written
communications
on the fly to
improve
information
sharing

Code Patterns

- Create a mobile application that will translate handwritten Korean
- Analyze Twitter handles and hashtags for sentiment and content
- Create a seamless communications channel for those who speak different languages
- Extract and visualize enriched data



Understand, analyze, and predict healthcare and nutrition needs to improve basic services

Code Patterns

- [Classify ICD-10 data with Watson](#)
- [Develop a web-based mobile health app that uses machine learning](#)
- [Create and deploy a scoring model to predict heart rate failure](#)
- [Create visualizations to understand food insecurity](#)
- [Analyze open medical datasets to gain insights on opioid prescribers](#)



Improve logistics based on traffic and weather activity to reduce number of people affected

Code Patterns

- [Build a mobile chatbot to provide recommendations, reservations, and event planning](#)
- [Correlate flight and weather data in an augmented reality mobile app](#)
- [Create charts, graphs, and maps using open city datasets](#)



Analyze device sensor data to take corrective or preventative action automatically

Code Patterns

- [Analyze industrial equipment on sight for defects](#)
- [Detect voltage anomalies in household IoT devices](#)
- [Develop an IoT asset tracking app using Blockchain](#)



Use visual
recognition to
process claims
quickly or
identify
immediate need
for aid

Code Patterns

- [Apply cognitive to classify and tag mobile images on the go](#)
- [Build a web-based blockchain insurance application](#)
- [Locate and count items in an image with object detection](#)
- [Classify vehicle damage images](#)
- [Analyze an image and send a status alert](#)



CALL FOR CODE

- **Commit to the Cause**
Get to know about “Call for Code”
developer.ibm.com/callforcode
- **Push For Change**
Register for the IBM Coder program
- **Weather Data**
callforcode.weather.com

<https://developer.ibm.com/code/>

IBM Code Code ▾ Content ▾ Community ▾ Open Source ▾

IBM Code

Solve real programming challenges.

Code patterns, tech talks, open source projects, developer advocates, dynamic communities, upcoming events—your coding success starts here.

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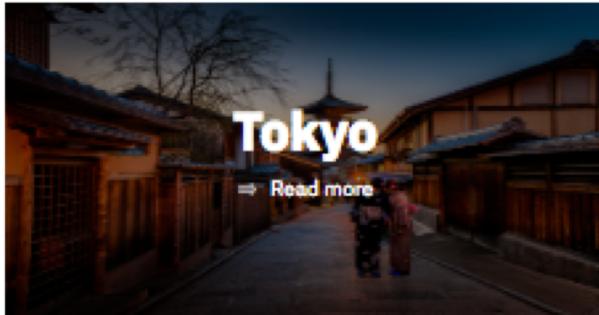
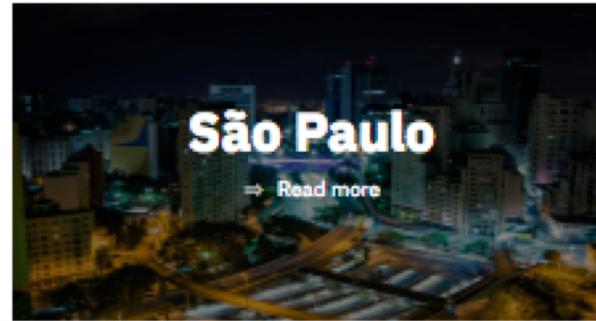
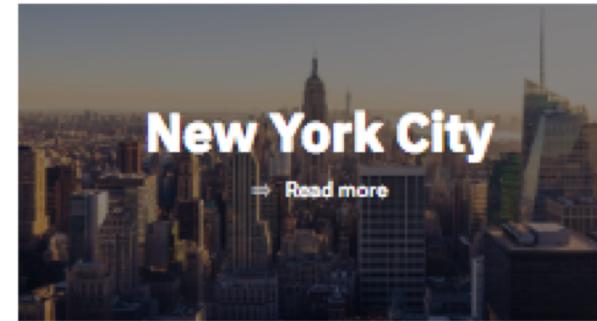
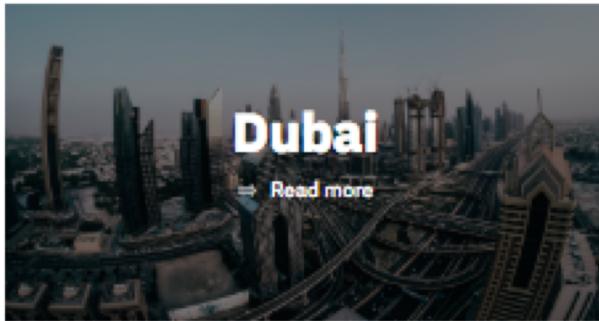
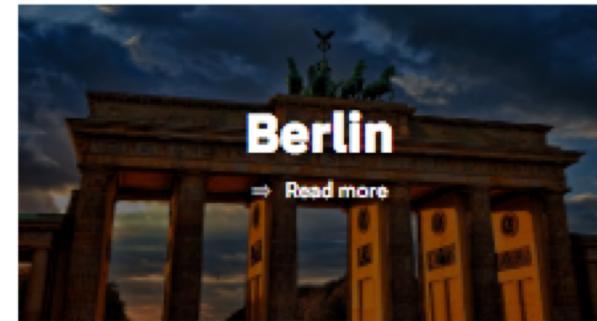
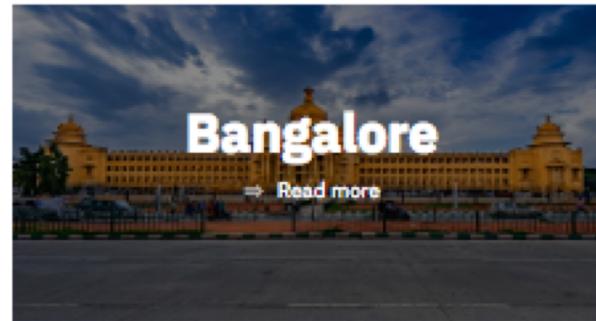
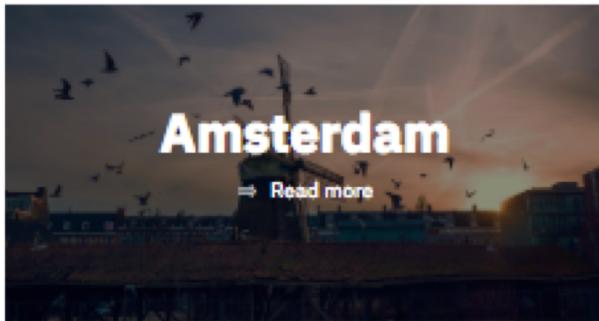


CALL FOR CODE

The global importance of answering the Call for Code

Call for Code welcomes all developers to apply IBM technologies across Cloud, Data, AI, Blockchain and more to create lasting solutions that address risks stemming from natural disasters. Through Call for Code, we will unite the world's developers around a new common cause each year.

[Find out more »](#)



[https://developer.ibm.com/code
/community/cities/](https://developer.ibm.com/code/community/cities/)



It's official! Our awesome team of Developer Advocates are in their new home @WeWorkUK. Here to help developers be successful no matter where or what #ibmcodeuk #IBMCODE #London 



5:24 PM - 22 May 2018

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<https://www.meetup.com/IBM-Code-Bristol/>



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Looking for speakers (September): Machine Learning Everywhere





Thank you!

Margriet Groenendijk

mgroenen@uk.ibm.com

@MargrietGr

[https://www.linkedin.com/in/
margrietgroenendijk/](https://www.linkedin.com/in/margrietgroenendijk/)

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