10,000 FOOT OVERVIEW

➤ Serverless Hackathon

➤ Make fun apps to help the community

➤ IoT is optional but worth extra points

➤ All-day event (don't worry, we'll feed and water you)

➤ Work in a team or individually

➤ Win glory and excellent prizes

➤ Meet great people and learn cool stuff

Venue and schedule information

VENUE

Convene

810 Seventh Avenue, New York, NY

Convene at 810 Seventh Avenue, which is located in the heart of Midtown West, makes planning your next corporate meetings or training/workshop in Times Square easy. Offering panoramic views of the neon lights, Central Park , and the Hudson River, this dual-floor venue combines a contemporary and sleek design aesthetic with some of New York City's most iconic attractions. Offering 23,000 square feet of space within a secure Class A buliding, each floor at this versatile event venue provides maximum corporate privacy.

SCHEDULE

8AM   **registration & team formation**

9.15AM   **welcome and overview**

9.30AM   **hackathon kick-off**

12PM   **lunch**

6PM   **project submissions**

7PM   **judging and dinner**

8PM   **prizes and closing**

Challenge, Rules & Assessment

THE CHALLENGE

Our society is going through a period of unprecedented social and technological change. The pace of progress is accelerating but there are elements of the society that haven't kept up with the improvements in technology.

Nevertheless, serverless architectures, IoT and big data can have a positive effect on the society and we are here to make it happen.

➤ Your challenge is to solve a problem that will help the community. However, it is a Sunday and we should take it easy. So, let's solve a problem but in the process let's have a bit of fun.
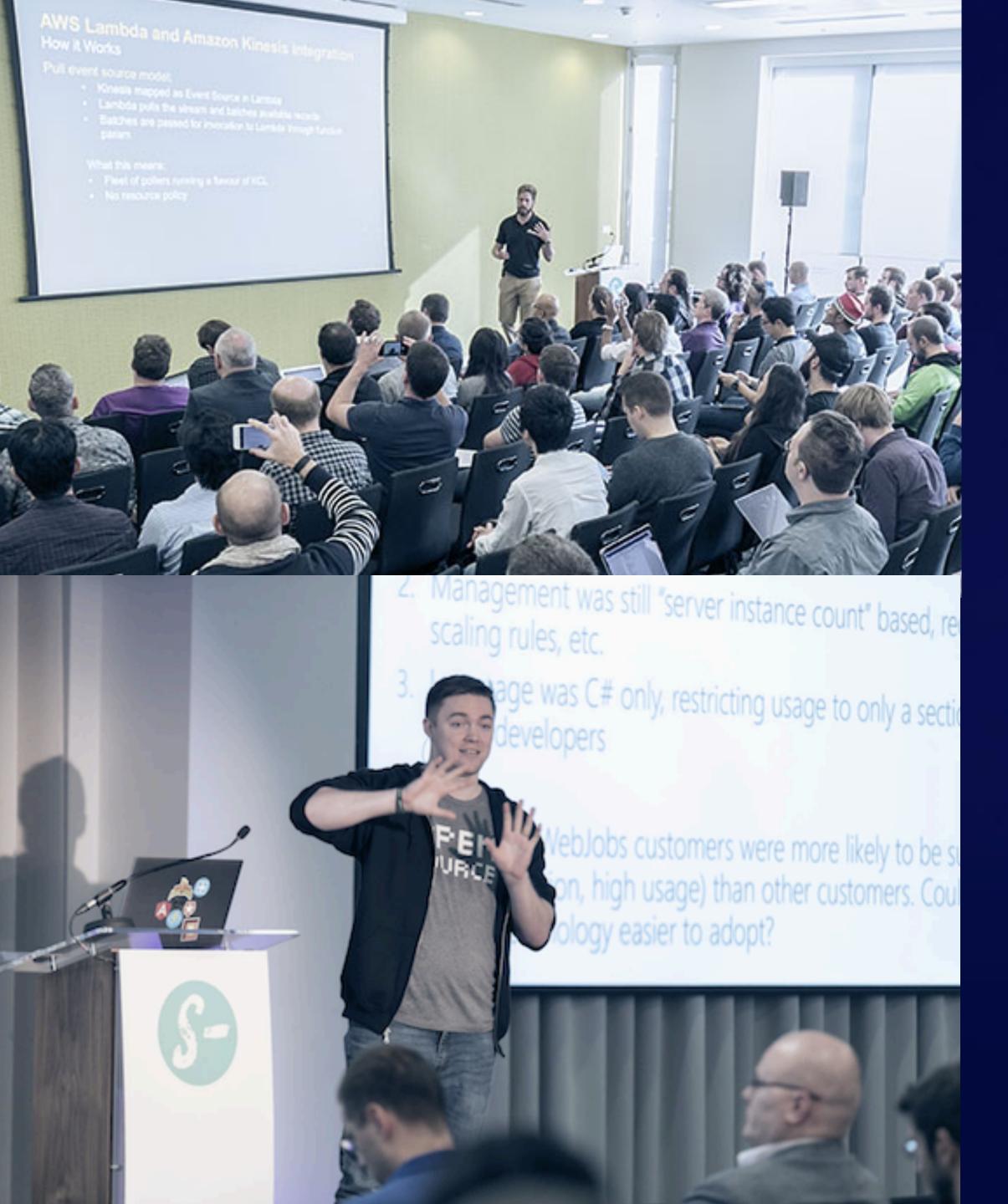
RULES

➤ Choose a topic/project that can help the community in some way. You can address a problem on a local level or a global level. You can solve a problem experienced by individuals or families.

➤ Use serverless technologies such as AWS Lambda, Azure Functions, Google Cloud Functions, IBM OpenWhisk, StdLib, or Auth0 WebTask to implement your idea.

➤ Get bonus points for using an IoT device or data to help solve the problem.

➤ Get bonus points for doing some fun, funky or crazy.

ASSESSMENT

You will be assessed on:

➤ The originality of your idea

➤ Design and technical implementation (you must do something serveless-ly)

➤ **Extra Points:** use IoT or any existing data set

➤ **Extra Points:** making it fun!

If you don't finish your project, don't worry. If you attempt something you'll still be in the running for prizes and serverless glory!

TEAM

➤ You can work in a team or individually.

➤ If you'd like to work in a team, you can propose your own team (maybe you have a group of friends) or you will be allocated to a team by the organizers.

➤ Teams will consist of 4 people max. unless an exemption is granted.

We want you to be productive so tell us how we could help.

DEVICES & IOT

➤ You can build skills and actions for various end-user devices like the Amazon Echo, Google Home and the dash button.

➤ You can build software and services for a raspberry PI or any other IoT device.

➤ A number of devices will be provided for you to use.

A FEW, FUN IDEAS TO DRAW ON

➤ **Children**: Create a game or an Alexa skill for small children to keep them occupied and learning. Develop a brain game similar to Simon Says using IoT. By the way, that's the game "Simon Says", not "Simon Wardley Says".

➤ **Friendship**: Help people meet people. Build an online service to help people make friends. Incorporate an IoT device to help people choose whom they want to meet.

➤ **Health**: Encourage more people to get into fitness! Build a service to help people exercise better. An IoT device could be used to measure the effectiveness of exercise (e.g. heart rate). Or, an Alexa coaches-you app!

AND A FEW MORE IDEAS

➤ **Congestion**: Reduce congestion on public roads by building a service to smartly route traffic. An IoT device could be used to measure how busy a road is. One of our colleagues built a whole car number plate recognition system and now he is going to be interviewed on the radio. That's cool too!

➤ **Find a toilet**: There's nothing worse than being out in the middle of the country and looking for a bathroom. I hope that doesn't happen to us… again. So let's map out all outhouses across the country and find a way to look them up.

➤ **Serverlessconf**: Build something cool for Serverlessconf. Ok, this doesn't strictly help the community but it helps us. And, we'll be sure to love it.

PRIZES

In addition to the regular hackathon prizes (best idea, best implementation, etc) we'll award a few tongue in cheek prizes like these:

➤ A prize for a team that uses the most FaaS technologies. Can you use Lambda, Azure Functions, Google Cloud Functions and Apache OpenWhisk in one project? You are a winner in our books.

➤ Prize for the most original idea.

➤ …And, perhaps a few other ones we will not spoil right now.