



# Nexgen IoT Robotics Challenge

## Sponsor Invitation

**Project Venue & Date:**  
Microsoft Offices - North Ryde, 23rd & 24th October 2018

**SCHOOL CHALLENGE:**

**CAN YOU  
BUILD A  
ROBOT TO  
SAVE A  
LIFE?**



## **BREAKING NEWS**

*"An environmental disaster has rendered parts of the city uninhabitable and prone to tremors. We do not know how many survivors remain after the evacuation, however, authorities have tasked key groups to send in semi-autonomous robots to assess the situation."*

# SIX SYDNEY SCHOOLS HAVE BEEN INVITED TO PARTICIPATE IN THE FIRST NEXGEN ROBOTICS IOT CHALLENGE.

Nexgen Codecamp, in co-operation with Microsoft Australia, would like to invite your company to sponsor the “Nexgen IoT Robotics Challenge 2018”, which is a competition for Year 9-11 students to design and build a robot capable of surveying a disaster area and reporting back via a Microsoft Azure Cloud infrastructure.

## The Challenge

After an environmental disaster has left parts of the city uninhabitable, you have been tasked with building a robot or vehicle to send on a recon mission into the city to assess the immediate damage to buildings and infrastructure and risk to the general population, animal and plant life. Your robot must navigate around debris (both controlled remotely and autonomously), take sensor readings in key areas and find survivors and other points of interest.

## Project + Teams

Six (6) school teams from the Sydney area will be invited to design and build robots using IoT (Internet of Things) technology. These robots will compete in an event on the 23rd and 24th October 2018 at the Microsoft office in North Ryde against other teams.

All participating teams will receive guidance from a Nexgen mentor during the process of designing, coding and building of the robots.

Each school is allowed to field one team consisting of 6 students. The team should be mixed gender (in case of co-educational schools) and made up of students from years 9 - 11.

# Sponsorship levels

## Become a sponsor

Sponsoring our IoT/Robotics Challenge event is a great opportunity to get involved with the community and help students to get exposure to the technology. At least one school that will participate in the event will come from a low socio-economic area. We will give them an opportunity to learn amazing technology skills, which they would not otherwise receive through lack of resources. Your company can be part of this process!

We expect to receive significant media exposure, so the event will be publicised with the schools and local communities through local and technology orientated media.

It will also be an opportunity for the sponsors to network with other businesses / IT sector representatives, Nexgen Codecamp and the school teams themselves.

### **SILVER level:** **Investment: \$1000**

YOU WILL RECEIVE:

1. Sponsor's logo displayed on our website before and after the event (in total for the period of minimum 6 months).
2. A boosted post on Nexgen Codecamp Facebook page before the event mentioning the involvement of the sponsor.
3. A boosted post on Nexgen Codecamp Facebook page after the event mentioning the involvement of the sponsor (with photos featuring the sponsors' logo / representatives).
4. A post after the event on local (Northern Beaches) Facebook community groups visible to approximately 10k followers mentioning the sponsor's involvement.
5. Access to photography and videography from the event.
6. Photos of sponsor's representative(s) with the winners of the event.
7. Two (2) tickets to the event for both days.
8. Logo on banner at event (medium size).
9. MC mention of the sponsor's involvement a multiple of times during both days.

There will be between 4 and 7 Silver level sponsors during the event.

### **GOLD level – Title sponsor:** **Investment: \$3000**

YOU WILL RECEIVE:

1. Sponsor's logo displayed on our website before and after the event (in total for the period of minimum 12 months).
2. Two (2) boosted posts on Nexgen Codecamp Facebook page before the event mentioning the involvement of the sponsor.
3. Two (2) boosted posts on Nexgen Codecamp Facebook page after the event mentioning the involvement of the sponsor (with photos featuring the sponsors' logo / representatives).
4. A dedicated post after the event on local (Northern Beaches) Facebook community groups visible to approximately 10k followers mentioning the sponsor's involvement.
5. Access to photography and videography from the event.
6. Photos of sponsor's representative(s) with the winners of the event.
7. Six (6) tickets to the event for both days.
8. Logo on banner at event (large size).
9. MC mention of the sponsor's involvement a multiple of times during both days.
10. Opportunity for 1 sponsor representative to be included as the judge during the event.
11. Opportunity for sponsor to speak at event on Education/ Careers & Future Tech.

There will be only 1 "gold" level sponsor during the event.



## About Nexgen Codecamp

Nexgen Codecamp is a Sydney based business focused on educating young people in existing & emerging technology. We aim to impact the way technology is taught in Australia, whilst supporting schools and communities.

We offer Vacation Workshops, In-School Programs and other courses introducing technology education (with focus on Robotics, Coding, Animation, 3-D Printing and Internet of Things) to primary and secondary schools in an innovative, engaging and hands-on way: [www.nexgencodecamp.com.au](http://www.nexgencodecamp.com.au).

Please also enquire about how you can become a sponsor of our "Young Technologist Program", which will give schools from low socio-economic areas an opportunity to learn important technology skills.

## Get in touch

If you are interested in becoming the event sponsor, please contact us at:

[iot@nexgencodecamp.com.au](mailto:iot@nexgencodecamp.com.au)  
Call 1800 940 955

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