# SuperHack 2017

# Welcome Pack

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# Welcome to SuperHack!

**We are super excited to have you on board for the event!**

In this info pack we will cover all the essential information you will need before we dive into the technical side of things. We will also be sending out the following two info packs leading up to the event:

- Tech Info Pack: this will discuss the Internet of Things and the software & hardware skills we will be learning
- Final Info Pack: this will introduce the competition design challenges and any final crucial details

As this is superhero themed event, we highly encourage that you come with wearing a piece of superhero flair, like a cape!



**Update:** We now allow two teams from the same school to compete in the event, if your school is interested in registering a second team please contact: treasurer@mueec.com

Don't forget to check out our website if you haven't already: superhack2017.org
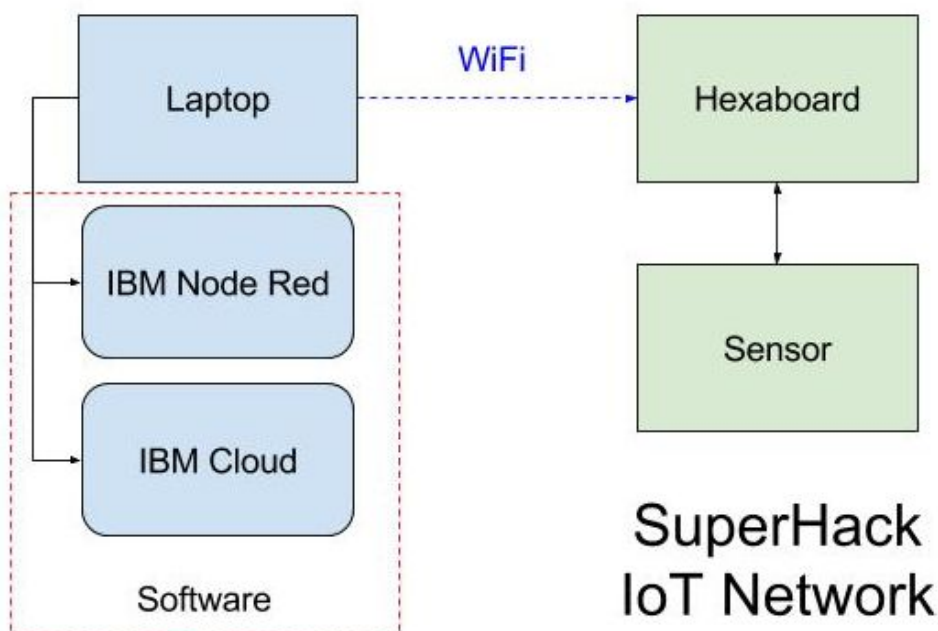
# The Essentials

## Teams

A University student mentor will be assigned to your team. Their role will be to assist your team during the technical workshops and while developing your solution to the design challenge. Please feel free to ask them any questions you have during this time, whether is be related to the event or to engineering, or even University life.

## Tech you will be using

During the SuperHack event our mentors will help you create an Internet of Things network. You will be using software on your laptop to connect to some provided hardware over a WiFi connection.

We will be going into more detail on this in the next info pack, with some tutorials included to give you and your teammates a head start.



SuperHack
IoT Network

# The Essentials

**What to bring**

You will need to bring the following with you for the days of the event:

- Eventbrite e-ticket (you'll be able to display a QR code on your phone)
- Your own personal laptop, if you do not have access to a laptop we will be able to provide one. Please fill this form at least one week in advance if you would like to request laptops for use.
- Stationary and notepad if you would like to take notes
- You do <u>not</u> need to bring lunch as we are providing, but please do inform us of any special dietary requirements

**Permission Slips**

We will be sending out permission slips for attendance and media release which must be signed by a parent or guardian, and will also need to include medical details from parents and an emergency contact. They will need to be uploaded here prior to the event.

# The Essentials

**Our Emergency Contacts:**

**333 Exhibition Street (333x):**

-Staff Contact: Rebecca Hyland: 0423 779 984

-Melbourne University Security: 8344 6666

-If there is a fire or fire drill, the evacuation meeting point is at Carlton Gardens.

**What to do if you are a staff member**

School Staff are welcome to attend the event and observe, however are not required to be there for supervision and will not be allowed to participate.

**For Rural Students:**

Rural students will be staying at Trinity College. Check in time will be at 4pm, Friday the 1st of December. Check out at 9am, Monday the 4th of December. For those closer to Melbourne, check out at 7pm on the 3rd of December can be opted into, please contact Sarina Moshfegh, our regional coordinator on sarinamfgh@gmail.com if you have any further queries or would like to opt into this. We will be in contact over the next week via phone to confirm details.

**Trinity College:**

-Address: 100 Royal Parade, Parkville, Victoria 3052

-Reception: (03) 9348 7100, open 8:00am–5:00pm

-After Hours Number: 0417 034 396

# Our Gold Sponsors

Our sponsors will be present at the event and set up some stalls to give away free stuff! For the winning teams prizes include office tours at Microsoft, two 3D printers from Bosch and a monetary prize from the University of Melbourne, plus more. Here's a little about our gold sponsors:



Bosch has had a presence in Australia since 1907, opening its first wholly owned subsidiary in 1954. Bosch generates revenues of more than 850 million Australian dollars per annum, and employs over 1,400 associates. Regional activities cover a diverse range of businesses including household appliances, security technology, power tools and accessories, engineering services and contract manufacturing, parts and equipment for automotive workshops and motorsport enthusiasts, franchised car servicing, equipment, services and solutions for manufacturers, drives and control technology, software innovations, hot water and heating systems, packaging technologies and service support for Bosch equipped eBikes.
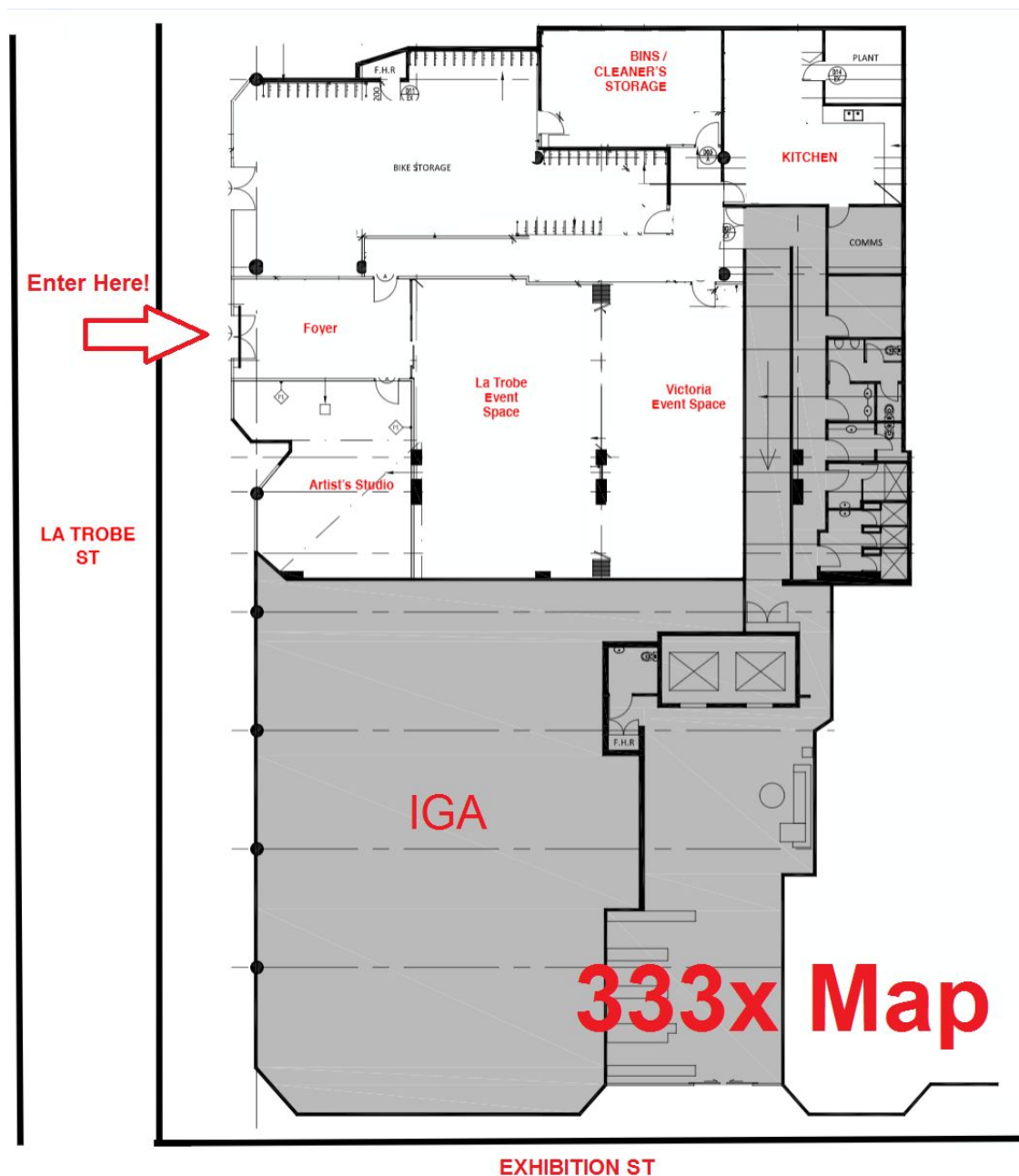


IBM is a global technology and innovation company that stands for progress. For more than a century, the company has focused on helping build a smarter planet. With operations in over 170 countries, IBMers around the world invent and apply software, hardware, business consulting, and technology services to help forward-thinking enterprises, institutions and people solve their most complex problems.

In Australia, IBM has been operating for over eighty years and has significantly invested in the local economy. With natural resources, digital transformation, and sustainable cities at the forefront of the national agenda, IBM's global expertise and innovation is helping Australia compete in the world economy.

# About the Event

Here is a venue map of 333 Exhibition St showing where the entrance will be. Please enter through the south doors off La Trobe St to sign in at our welcome booths using your eventbrite e-ticket.



We have also included the expected Event Schedule for both days of the Hackathon to give you an idea of what to expect.

# Event Schedule

## Day 1
**9:00am-5:00pm**

- 9:00 - 9:30 : Register at welcome booths and settle in
- 9:30 - 10:30 : Opening ceremony consisting of:

    - MC welcome.

    - Talk from a Gold sponsor

    - Women in Tech speaker

    - What is IoT

- 10:30 - 11:00 : Recess:

    - Get to know your team & mentor

    - Talk to sponsors

- 11:00 - 1:00 : Software training
- 1:00 - 1:45 : Lunch break
- 1:45 - 4:45 : Put together hardware and make something happen!
- 4:45 - 5:15 : Wind down and present design challenges

## Day 2
**9:00am-6:00pm**

- 9:00 - 9:30 : Arrive and get settled
- 9:30 - 10:15 : Opening talks:

    - Brief intro by MC

    - Check points and expectations of what will happen

    - How to pitch

- 10:15 - 11:00 : Hacking
- 11:00 - 11:20 : Recess
- 11:20 - 1:30 : Hacking
- 1:30 - 2:00 : Lunch
- 2:00 - 3:30 : Hacking
- 3:30 - 4:30 : Presentations
- 4:30 - 5:00 : Judges Decide
- 5:00 - 5:30 : Announce winners and closing ceremony, with Gold sponsor.