

UTS FEIT + ERICSSON SMART CITIES HACKATHON



ERICSSON

Welcome, and congratulations on being chosen to participate in the UTS FEIT + Ericsson Smart Cities Hackathon! Ericsson and UTS are combining forces this March to leverage the brightest young minds to address the unique challenges of tomorrow.

Event Essentials

As you are aware, the hackathon will be hosted on Thursday 16th and Friday 17th of March, 2017. Further details regarding location, times and catering have been provided below:

LOCATION

University of Technology Sydney, Faculty of Engineering and IT
Building 11, Level 4, Room 400

PROGRAM

DAY 1	THURSDAY 16 MARCH	DAY 2	FRIDAY 17 MARCH
8.30 am	Arrival & Registration	8.30 am	Arrival
9 am	Introductions	9am	Team working time
9.30 am	Training Part I		
12 pm	Catered Lunch	12 pm	Catered Lunch
1 pm	Training Part II		
2 pm	Begin hacking!		
		3 pm	Presentations
		4.30 pm	Judges confer
5 pm	Experts leave	5 pm	Awards ceremony
9 pm	Building 11 closes		

The collaborative classrooms on level 4 will be open until 9pm. Participating teams are able to use the collaborative classrooms during these hours, however Ericsson mentors and support staff will not be available after 5pm. Ericsson mentors and support staff will be available again at 8.30am on Day 2.

Devices & tools

Prior to commencing the hackathon, each student must be equipped with the following devices and technical applications:

- Laptop with Internet connectivity (bring your charger)
- Wi-Fi access
- Developers are recommended to have pre-installed their preferred tools of choice

Students will have the opportunity to use the data from UTS's building 11 sensors to develop their use case. The link provided below contains a wiki page which summarises what sensors are available, as well as graphing tools visualising the data.

<https://eif-research.feit.uts.edu.au/>

The data from the sensors can also be retrieved via an API that is provided by the website. Please look at the link below for an overview of the sensor data API:

<https://eif-research.feit.uts.edu.au/api/>

Please note that the data from the UTS building sensors does not need to be used in a literal context. Instead, if you are developing a use case for a context outside of UTS building 11, such as smart office energy management, you can interpret the data set from the building sensors as you wish.

Prizes

There will be five winning teams, with one major prize winner, and four smaller prize winners. Each member of the winning teams will get an individual prize for their outstanding efforts. Each award represents one of the four pillars of Ericsson's strategic themes.

All students taking part in the hackathon will also receive a Certificate of Participation, along with a t-shirt and a gift bag full of branded merchandise.

Mentors and support

Participants of the hackathon will get the chance to learn from Ericsson and UTS mentors. They will include a variety of developers, solution architects and other experts. It is a great opportunity to gain valuable technical knowledge and understanding of the business environment, which will be helpful in your transition from university to the workplace.

There will be two training sessions on Day 1 after which you will get into your teams to begin working. Mentors will be available until 5pm on Day 1 and from 8.30am on Day 2.

Graduate Program

As part of this Hackathon, there is a chance for final year students to be fast tracked through Ericsson's 2018 Graduate Program recruitment process. Our Graduate Program runs for 12 – 18 months in both Sydney and Melbourne Ericsson offices.

Graduates are able to complete rotations across different areas of the business, as a way to diversify skills, meet new colleagues, and be part of projects with different customers. To find out more about this program, please visit www.ericsson.com/au/graduates.