Epitech IOT Summer School - PARIS

The Epitech summer schools all include time for cultural activities. The students following the Paris summer school will have the chance to visit famous Paris sites and companies, discover Parisian cuisine and how the French relax during the week ends !

Prerequisites : Students must have studies at least one year in IT prior to joining the Epitech Summer school.

Syllabus : This 3 weeks specialized course is strongly focused on IOT – How to create a prototype.

At the end of this course, students will be able to better understand the challenges of IOT prototyping and how to solve them. The students will demonstrate their newly acquired abilities by creating an actual prototype of their choice, using the components available in the Epitech Innovation Hub.

Details about this course :

This summer school is split in 3 distinct phases, 1 for each week.

Week 1 : Software skills : Students will follow a special Epitech "Pool" for embedded software programming.

Every day will be dedicated to exercises, problem solving and programming. These challenges will help the students better understand code, and the special Epitech pedagogy that is completely constructed around project based learning.

Week 2 : Hardware skills : Hands on ! Students will learn the basics about raspberry pies, arduino, how to use wifi and bluetooth modules, motion detectors, 3d Printing, and basics electronics wiring and soldering. **No previous experience is required** with any of the above.

Students will also have ideation time and guidance on how to think outside the box and come up with new ideas, in order to help them define the project they will want to challenge during the 3rd week.

Week 3 : Create your prototypes : Students will work in groups to create and program their own connected object prototype ! Using all that is available in the Epitech Innovation Hub, and with the help of IOT professionals, students will bootstrap their own project. Projects from past sessions include smartphone remote controlled cars, automatic plant watering systems, and so on.

The summer school finishes by groups giving presentations of their own projects to other students, and teachers.