

BioHack it! Barcelona 2019

Are you a motivated Biomedical Engineer? Do you have any hidden potential you want to show to the world?

We present you the first Hackathon organised by Biomedical Engineering students for **Biomedical Engineering Master or Degree Students!** From **CEEIBIS** (the student Spanish association of Biomedical Engineering students) we would like to invite you to **BioHack it! Barcelona 1st edition.**

This event aims to unify the Barcelona area community, for those having a common goal in mind: to improve people's health using current and up-and-coming technologies! For that purpose we will get in touch companies with unsolved Biomedical problems with the most talented people this city has to offer.

WHEN?

We will take advantage of the **Talent Forum** (May 8th), an event where companies meet with students from the three universities offering the degree in Barcelona, in order to make the most of the opportunity this represents. That same day in the afternoon the basics of the Hackathon will be explained and teams will be made. With those teams, an idea will be conceived and finalists selected. One month later the finalists' solutions will be presented in front of a qualified tribunal that will announce a winner based on a short presentation of the prototype.

WHAT WILL BE DONE ON MAY 8TH?

The basis of the **challenge** will be explained to all attendees on site. A workshop on some innovative technique will be held by a collaborator (payment). Afterwards, milestones will be presented over the month with tutors responsible for each team.

WHY SHOULD I PARTICIPATE?

A hackathon provides a great opportunity to develop both **hard and soft skills** for engineering students, both of which are extremely useful and necessary for networking and innovation. This event poses the best opportunity to show what you do best but also learn from others' abilities whilst working with them. It does not matter if you have no experience with hackathons! There will be experienced mentors to solve all doubts that come up, but (obviously) they will not give you the winning solution.



HOW WILL IT BE DONE?

Hackathons typically start with one or more presentations about the event, as well as about the specific subject, if required. Then participants suggest ideas and form teams, based on individual interests and skills. That is when the main work of the hackathon begins, which can last anywhere from several hours to several days. Some workshops about the main skills necessary to work both efficiently and creatively as a team may be included. At the end of the hackathon, there is usually a series of demonstrations in which each group presents their results. Since we only have one afternoon, teams will work on the main ideas to solve the problem and choose a representative that will do a three minute pitch explaining their solution. Finally, a tribunal of experts will choose the three winning ideas. These will receive a one month period to develop a MVP (Minimum Viable Product) or simply: a prototype which does not necessarily have to be completely functional. A mentor or stakeholder (or "subject matter expert") will advice the project thanks to their real-world experience. These experts can identify problems but will not solve them for you! Finally, a tribunal of experts will choose the finalist ideas.

WHAT DO I NEED?


Just bring yourself and all your bright ideas! There will be no need for laptops or special material in this first session. Any necessary material will be given on the spot and you will have to work with that. If you are chosen as a finalist you will have one month to form an MVP (that's when development comes up!).

I LOVE IT! HOW CAN I REGISTER?

A website with all the relevant information will be available, and a simple registration form will suffice to participate at the hackathon. Then, at BioHack it! Barcelona everyone can make teams and start working on a solution. You will be working in 3 to 6 persons groups, most probably with other universities individuals.

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