

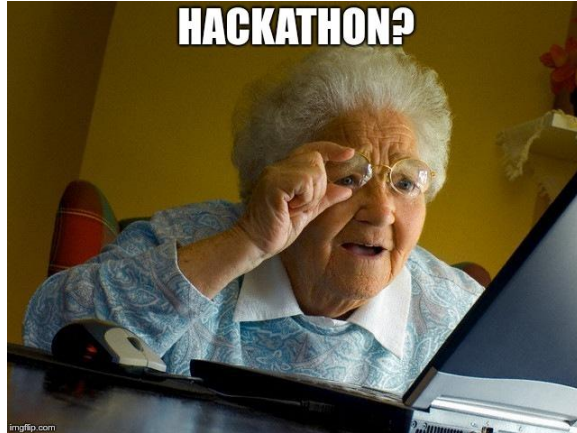


HackZurich2018. CERN-Oracle collaboration

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HackZurich. What?



Search suggestions for hackathon

We have these words with similar spellings or pronunciations:

- 1 [marathon](#)
- 2 [-athon](#)
- 3 [backache](#)
- 4 [backaches](#)
- 5 [cockatoo](#)
- 6 [cockatoos](#)
- 7 [jackaroo](#)
- 8 [jackaroos](#)
- 9 [marathons](#)

HackZurich. What?

A hackathon (also known as a hack day, hackfest or codefest) is a **design sprint-like event** in which computer programmers and others involved in **software development**, including graphic designers, interface designers, project managers, and others, often including subject-matter-experts, **collaborate intensively** on software projects.

<https://en.wikipedia.org/wiki/Hackathon>

HackZurich. What?

- Part of Zurich Digital Festival
- Biggest Hackathon in Europe
 - ~5500 applicants
 - 580 "hackers" selected
 - 16 challenges
 - 123 teams

Oracle CERN openlab project

- CERN openlab team
 - Challenge Proposal
 - <https://github.com/cerndb/cern-openlab-oracle-hackzurich-2018>
 - Support
 - Workshops
 - Challenge presentation
 - "Attract" hackers
 - Jury (Hardest moment)
 - Outreach
 - Interviews
 - Other
 - Help potential CERN candidates
 - Career programs
 - Resume & application

Fri, 14.09.18 (20:00 - 20:35, 20:45 - 21:20)

#06 CERN 'OPEN DAYS' VIRTUAL GUESTBOOK

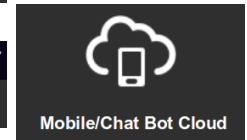
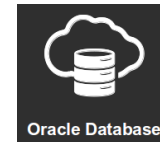
In 2019, CERN will fully open its doors to the public for a weekend. During CERN's last open days, in 2018, more than 70,000 people visited the laboratory. During the open days, visitors have the opportunity to descend around 100 meters underground to the experimental caverns on the Large Hadron Collider, the world's most powerful particle accelerator. They can also visit the complex control centers at CERN and discuss with experts from the laboratory about physics, engineering, and computing. We challenge you to create a virtual, interactive experience related to CERN, its exhibits and outreach materials. Participants can decide how 'deep' the users' experience should be – from fully virtual with avatar interaction, to augmented overlays of digital content, to simple information-gathering from CERN's vast library of outreach materials. Knowing where to start can be difficult, so this application should be structured to support as many social and immersive technologies as possible.

Event Language: EN
Location: Room Newton 1009, 1st Floor



Oracle CERN openlab project

- Oracle team
 - Silver partner
 - Booth setup
 - Open Ceremony pitch
 - Cloud resources
 - Support



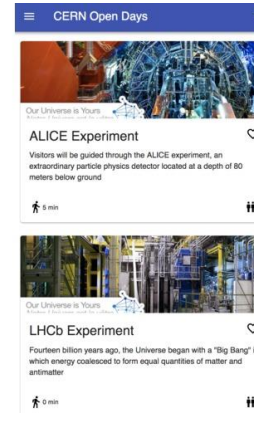
Takeaways

- **Great job of our teams**
 - 5 teams!
 - 560 hours of coding!!
 - 2 between the 25 finalists!!!



Takeaways

- Applications
 - Guides
 - Assistants
 - Queue control
 - Games
- Technologies
 - Chatbots
 - Augmented reality
 - Track markers
 - Mobile, mobile, mobile!!!



Professor CERNikus

@Prof_CERNikus_bot

Takeaways

- Thumbs up!
 - Great collaboration Oracle – CERN openlab
 - CERN openlab team well balanced
 - Interesting and demanding
- To be improved...
 - Coordination
- Minor issues
 - CERN openlab giveaways "lost"
 - No particles in the pool!!!
 - "Error syntax" in the panel
 - New particle: "lepton"???



Special thanks

- CERN openlab Communication Officers
 - Andrew Robert Purcell
 - Ioanna Katsina Dimoula
- Challenge original idea from
 - Carlos
 - Manuel

Before you ask...

- And the winner is...
 - DeepBuster
 - Detects fake media
 - Try it out!



Repositories

- Oracle & CERN challenges
 - <https://devpost.com/software/rebot>
 - <https://devpost.com/software/alice-open-days-app>
 - <https://devpost.com/software/cern-guest-guide>
 - <https://devpost.com/software/the-large-hadron-recycler>
 - <https://devpost.com/software/cern-education-for-everyon>
- Check all in <https://devpost.com/software/>

Projects videos

- [REBOT - Professor CERNikus 4 min Demo](#)
- [CERN Guest Guide 2 min Demo](#)
- [CERN Education for Everyone 2 min pitch](#)

Oracle & CERN HackZurich Media

- [Oracle & CERN openlab HackZurich 2018](#)
- [Oracle Switzerland Twitter](#)