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CERN Openlab Summer Student Programme 2017

Newspoint (https://www.um.edu.mt/newspoint) > Noticeboard (https://www.um.edu.mt/newspoint/noticeboard) > Opportunities (https://www.um.edu.mt/newspoint/noticeboard/opportunities) > 2017 (https://www.um.edu.mt/newspoint/noticeboard/opportunities/2017) > February (https://www.um.edu.mt/newspoint/noticeboard/opportunities/2017/02) > CERN Openlab Summer Student Programme 2017 (https://www.um.edu.mt/newspoint/noticeboard/opportunities/2017/02/cernopenlabsummerstudentprogramme2017)

CERN is the birthplace of the World Wide Web, and where the Higgs boson particle was discovered by the ATLAS and CMS Large Hadron Collider experiments. Approximately 600 million times per second, particles collide within the LHC, generating 30 petabytes of data annually.

CERN openlab was created in 2001 to tackle the LHC computing, data and infrastructure challenges. This is a unique public-private partnership between CERN and leading ICT companies (such as Oracle, Intel, and Siemens). Its mission is to accelerate the development of leading-edge solutions to be used by the worldwide LHC community. By joining the CERN openlab Summer Student Programme, you will work with some of the latest hardware and software technologies to see how advanced IT solutions are used in high energy physics. You will have the opportunity to attend a series of lectures developed for the CERN openlab Summer Students, given by IT experts on advanced CERN-related topics. Included in the programme are also visits to the CERN facilities and experiments as well as other research laboratories and companies

The CERN openlab Summer Student Programme is much more than just a summer at CERN. It can lead to follow-on projects in your home institute at Masters or PhD level, or may even inspire you to become an entrepreneur in cutting-edge computing technologies!

Who should apply?
Bachelor or master students having completed (by the summer of attending) at least 3 years of full-time studies at university level in Computer Science, Engineering, Mathematics or Physics, interested in working on advanced IT projects for two full months (nine weeks) during the period June-September 2017 are welcome to apply. Please note that the applicants must remain registered as a student during summer 2017 and that students graduating during summer 2017 are also eligible to apply. Students having already worked at CERN before are not eligible to apply. A good knowledge of English is mandatory; knowledge of French would be an advantage.

How to apply?
The application is available online through this link (https://jobs.web.cern.ch/join-us/cern-openlab-summer-student-programme) and is to be submitted by 15 February 2017 with the following documents attached to it: the applicant's CV, recommendation letter(s) by university supervisor(s), a motivation letter with an indication of the preferred area of work, and the university declaration for the current year. Replies to applicants will be sent out by the end of April 2017.

Stipend
A stipend of 90 CHF per day during contractual dates (generally 9 weeks) is sponsored by CERN and the CERN openlab industrial members, and should cover accommodation and living costs during the 9-week stay. Students are covered by the CERN health and accidental insurance scheme, and are offered a travel allowance on a lump sum basis.

Possible dates of stay
19 June to 18 August 2017
26 June to 25 August 2017
3 July to 1 September 2017

Student Projects
Examples of previous student projects are available online. (http://openlab.web.cern.ch/education/summer-students/reports)

For further information, please contact Dr Kevin Vella (http://www.um.edu.mt/contact/kevinvella) or Dr Gianluca Valentino (http://www.um.edu.mt/contact/gianlucavalentino).

Quicklinks ▾