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Are you a B.Sc. or M.Sc. student (who will have completed at least three years of full-time studies at university level by next spring) in Computer Science, Mathematics, Engineering or Physics, interested in working on advanced IT projects at CERN for two full months during the summer?

Together with its partners Huawei, Intel, Oracle, Siemens, contributor Rackspace, and associate Yandex, CERN openlab has R&D activities on multithreaded programming, data acquisition systems, large scale databases, data analytics, and cloud computing.

During nine weeks (June-August 2014), the CERN openlab summer students will work with some of the latest hardware and software technologies and see how advanced IT solutions are used in high energy physics. The students will also attend a series of IT lectures [2] especially prepared for them by experts at CERN, as well as have the opportunity to attend the CERN generic student programme lectures [3]. Visits to the accelerators and experimental areas are part of the programme, as well as external visits. For more information on the CERN openlab Student Programme, please visit this page [4].

CERN is a place where dizzying IT challenges abound and the CERN openlab student programme may lead to follow-on projects in your home institute at master?s or PhD level. It may even inspire you to become an entrepreneur in cutting-edge computing!

Open up your mind and apply [5]! Deadline is 28 February 2014.

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