INTERNSHIP OVERVIEW

ic.epfl.ch/internships

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WELCOME TO EPFL

EPFL
ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

The Ecole Polytechnique Fédérale de Lausanne (EPFL) is a top-ranked technical university comprised of two colleges and five schools, including the School of Computer and Communication Sciences (IC). The IC School is one of the main European centers for education and research in the field of computer and communication sciences. Divided into two teaching sections, Computer Science and Communication Systems, IC has three missions: education, research and tech transfer.

EPFL is consistently ranked among the top three in Europe and among the world's top 20 in Engineering and Computer Science. See, for instance: →

Shanghai Jiaotong Academic Ranking of World Universities
(#15 in 2013-14)

Times Higher Education
(#15 in 2013-14)

QS World University Ranking -- also known as the US News & World Report "World's Best Universities" (#8 in 2013-14)

Leiden Ranking
(#14 in 2014, using Impact + PP, 1,000 min pubs, Math/CS/Eng)

IC SCHOOL

FACTS & FIGURES

40	professors	667	Bachelor students
363	Master students	286	PhD students

Among the 40 professors teaching at the IC School, we are proud to count

1	Turing	Award
8	ACM	Fellows
2	IEEE	Medals
12	IEEE	Fellows

WHAT WE OFFER

IC Research Areas
- Algorithms & Theoretical Computer Science
- Artificial Intelligence & Machine Learning
- Computational Biology
- Computer Architecture & Integrated Systems
- Data Management & Information Retrieval
- Graphics & Vision
- Human-Computer Interaction
- Information & Communication Theory
- Networking
- Programming Languages & Formal Methods
- Security & Cryptography
- Signal & Image Processing
- Systems

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WHAT IS
AN INTERNSHIP ?

Internships allow EPFL students to gain valuable experience, while also giving employers the opportunity to evaluate talents.

Internships are an excellent opportunity to :

- Discover new talents
- Receive timely help on important projects
- Integrate new ideas and perspectives and pave the way for the next generation
- Become a strategic partner with EPFL

The IC school will :

- Review the applications so that you will only receive resumes from candidates with the desired profile
- Assist you with administrative tasks associated with hiring, including visa formalities

PRACTICAL ASPECTS

- Internship of 6 months from mid-February to September or mid-July to February
- Applications are due 4-5 months in advance
- In most cases, our professors do not sign non-disclosure agreements, as we have an open environment that is not set up to maintain confidentiality. Moreover, it is contrary to the spirit of our school, as all the research results can be published and shared.

MASTER'S PROJECTS

Students can write their Master's Projects during a research internship. If your company is doing research of some kind, consider turning an internship into a research project. This will also allow you to get closer to the research conducted at EPFL by working with the IC professor supervising the thesis.

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REGISTRATION

1   Create an account in the EPFL internship portal : ic.epfl.ch/internships. Upload the project description and receive student applications.

2   Review online the applications of students who have been prescreened by the IC School for eligibility.

3   Sign the internship agreement. For a Master's project, an IC Professor will approve the project and supervise it with you.

4   Welcome our students and benefit from their expertise while providing them with a professional environment that will complete their education.

5   Evaluate the student online at the end of the internship.

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IN 5 EASY STEPS YOU WILL BE READY TO WORK WITH OUR STUDENTS.

For further information, please visit ic.epfl.ch/internships. We will be happy to walk you through the specifics and discuss accommodations.

ic.epfl.ch/internships

COMPANIES' TESTIMONIALS

" The EPFL internship program is outstanding. I always had excellent undergrad students to choose from and they all performed very well in a challenging research environment. Some of them are actually part of our team now! "

— Eric Cosatto Senior Research Staff Member at NEC Labs America, Princeton, USA

" Romain did a wonderful job on experimental, non-trivial changes to a complex code base. He was highly motivated and capable throughout and required little guidance in diving into the code, designing, and then implementing the desired changes. It was a pleasure working with him and I heartily recommend these internships. "

— Peter Arrenbrecht Software Developer at Google GmbH, Zürich, Switzerland

" Cisco recruited several talented interns from EPFL in the last three years and we also permanently hired a couple! Working with new students on solving real engineering problems has always been exciting and interns bring us their motivation, fresh attitude and knowledge of the latest technologies. The internship program bolsters Cisco's campus presence and furthers the manifold collaboration between EPFL and the company "

— Lorenzo Granai Manager Engineering, Cisco Systems, Rolle, Switzerland

" The EPFL interns we've hosted at Livestream have been consistently smart, hard-working, and passionate individuals. Their level of education and the depth of their engineering knowledge is unmatched by any other internship program we participate in. "
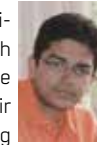
— Mark Kornfilt Co-Founder & General Manager, Livestream EMEA, New York, USA

STUDENTS' TESTIMONIALS

" NEC Labs America is an amazing place to work. There are some really smart, diligent and focused researchers working on cutting-edge technologies there. It was an unbelievable experience to work there, as unlike Academia, this place focuses more on business and outcome-oriented research. The guidance provided to me was great, I had enough freedom and time and was encouraged to explore my own ideas. The work environment was very friendly and interacting with people from various fields turned out to be a great learning experience for me. Apart from this, I also got a chance to experience the work culture of the USA, which was really inspiring for me. The people there were as enthusiastic about their research as they were for the evening volleyball sessions. "

— Dugar Rishabh Computer Science, Intern at NEC Labs America, Princeton, NJ, USA "

" My internship at IBM Research gave me the opportunity to work full-time on an exciting research project with concrete applications in radio astronomy. This allowed me to apply the knowledge acquired during my studies and greatly deepen this knowledge. I also gained a lot of experience during the 6-month internship by working with researchers and learning to progress on my own, which is going to be very valuable for my future career. Furthermore, I now have an idea of the inner workings of industrial research, which has helped me to reaffirm my career path choice. "

— Hannah Muckenhirn Communication Systems, Master's thesis at IBM Research, Zurich, Switzerland

" My internship at Ubisoft Entertainment was an opportunity to apply my knowledge in a concrete and useful project in an area that is both complex and interesting. Ability to work within a team in a company of this size has been a very rewarding experience. In addition, I was fortunate to be greeted by enthusiastic and social people. This semester in Montreal was a unique adventure for me. "

— Basile Perrenoud Computer Science, Intern at Ubisoft, Montreal, Canada.

" During my internship at Qualcomm, I was part of the elaboration of an image-processing algorithm that was required for development of a smartphone camera prototype. The environment was close to academic research, but the main difference was the direct application of my work to a real product. The knowledge I gained at EPFL was directly applicable to the project, and I gained a more complete understanding of the field. At the same time, I learned how to communicate more efficiently, as the discussion was mostly done remotely. The personal benefit of this internship was the discovery of a very international culture, in which software engineers were appreciated. This sparked my interest in working there after my studies. "

— Damien Firmenich Communication Systems, Intern at Qualcomm, Boxborough, MA, USA

BE PART OF THE ADVENTURE !

FOR MORE INFORMATION

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