



WORK OFFER

Ref. No. CH-2023-000117

Employer Information

Employer: CERN
1, Esplanade des Particules

1203 Genève
Switzerland

Website: <http://careers.cern/> and <https://hr-dep.web.cern.ch/>

Location of placement: Geneva
Nearest airport: Geneva
Working hours per week: 40.0
Working hours per day: 8.0

Number of employees: 3000

Business or products: Particle Physics Research and Engineering

Student Required

General Discipline: ENGINEERING, Other;MECHANICAL ENGINEERING

Completed years of study: 1.5

Field of Study:

Student status requirements: Applicant must remain registered as a student with their university (must be in relevant field to the programme) during their stay at CERN.

Language required: English Good (B1, B2) Or French Good (B1, B2)

Required Qualifications and Skills:

Structural Engineering | Mechatronics | Mechanical Process Engineering | Heating Systems | Mechatronics

Other requirements:

- You can stay for at least 4 months (longer placements are preferred)
- You are a national of a CERN Member or Associate Member State: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, India, Israel, Italy, Latvia, Lithuania, Netherlands, Norway, Pakistan, Poland, Portugal, Romania, Serbia, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Türkiye, Ukraine and United Kingdom

- You have completed at least 18 months of your undergraduate studies (Bachelor or Master's) by October 2023.
- You have a good knowledge of English OR French.

--> Please note that PhD students and students specialising in theoretical or experimental particle physics are not eligible to apply for this programme.

IMPORTANT: student MUST provide ALL REQUESTED DOCUMENTS (refer to nomination information for list of complete documents required)
INCOMPLETE APPLICATION WILL AUTOMATICALLY BE REJECTED

Work Offered

At CERN, the European Organization for Nuclear Research, physicists and engineers are probing the fundamental structure of the universe. Using the world's largest and most complex scientific instruments, they study the basic constituents of matter - fundamental particles that are made to collide together at close to the speed of light. The process gives physicists clues about how particles interact, and provides insights into the fundamental laws of nature.

Internship in Mechanical Engineering:

If you are a student looking to complete practical training in domains related to Mechanical Engineering, you will have the opportunity to work at the cutting edge of technology, contribute and broaden your knowledge in disciplines as varied as structural mechanics and machine development, magnets, fluids or heating systems, mechatronics, computer aided design or metrology to name a few.

Benefits:

- travel allowance (lump sum depending on country of departure)
- health insurance
- assistance with lodging: please note that accommodation is therefore not organised by the LC and needs to be arranged by the candidate but CERN will help (on CERN site or nearby)

--> **ATTENTION :** After nomination by IAESTE, the selected candidate also needs to apply through the CERN career portal. Nominated students will receive a private link from IAESTE to do so. A CERN selection committee will review the candidates and a final decision will be given by end of October. Please read nomination information for list of complete documents required.

Number of weeks offered: 16 - 52

Within the months: 01-DEC-2023 - 28-FEB-2025

Or within: -

Company closed within: -

Latest possible start date: 01-MAR-2024

Working environment: Research and development

Gross pay: 3407 CHF / Month

Deduction to be expected: 0 CHF

Payment method / time of first payment: Bank Transfer / monthly

Accommodation

Canteen at work: Yes

Expected type of accommodation: CERN will help student with accommodation search

Estimated cost of lodging: 820 CHF / Month

Accommodation will be arranged by: student

Estimated cost of living incl. lodging: 1600 CHF / Month

Additional Information

Applications must include :

- CV
- Well-written motivation letter : demonstrate that you have researched the CERN, the motivation letter should be customised
- Copy of most recent academic transcript giving an overview of grades
- An excellent reference letter from a current university professor (please feel free to include 2 and/or add a reference from a previous internship as well)
- enrollment certificate

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Nomination Information

Deadline for nomination: 2023-06-14

Date: 22-MAY-2023 *On behalf of receiving country:* IAESTE Switzerland