



## WORK OFFER

Ref. No. CH-2020-000022

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### Employer Information

**Employer:** Zurich University of Applied Sciences, ZHAW  
ZPP  
Lagerplatz 22  
8401 Winterthur  
Switzerland

**Website:** <http://zpp.zhaw.ch/>

**Location of placement:** Winterthur  
**Nearest airport:** Zurich  
**Working hours per week:** 42.0  
**Working hours per day:** 8.4

**Number of employees:** 25

**Business or products:** Research and Development for innovative Products

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### Student Required

**General Discipline:** 14-ENGINEERING  
**Field of Study:** 14.1901-Mechanical Engineering.

**Completed years of study:** 2  
**Student status requirements:** Student status required for applicants with non-EU/EFTA nationality

**Language required:** English Good Or German Good

**Required Knowledge and Experiences:**

**Other requirements:**

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### Work Offered

You will work at the biggest University of Applied Sciences in Switzerland in product and process development. Focal points of this activity area are product innovation, development, construction, production, documentation and organisation in the product manufacturing process with a holistic approach to observation. They address the product manufacturing process starting from the idea, handling and transformation of 3D data and continuing through to the integrated product manufacturing in the form of function models, prototypes and testing facilities. Your tasks will include:

- CAD designs (Catia / 3D Experience)
- Structural Optimization (TOSCA)
- Creative brainstorming
- Calculations (analytical / FE )
- Feasibility studies
- Testing
- Operation of Rapid Prototyping Machines (3D-Printers, Laser-Cutter, Plasma-Cutter, etc.)

Earlier start might be possible

**Number of weeks offered:** 26 - 52  
**Within the months:** 01-MAY-2020 - 31-AUG-2021  
**Or within:** -  
**Company closed within:** -

**Working environment:** Research and development  
**Gross pay:** 2000 CHF / Month  
**Deduction to be expected:** approx. 10 % Social security AHV/IV  
**Payment method / time of first / payment:**

**Latest possible start date:** 01-SEP-2020

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### Accommodation

**Canteen at work:** Yes

**Expected type of accommodation:** Depending on availability, e.g. shared apartment, student dorm  
**Estimated cost of lodging:** 750 CHF / Month

**Accommodation will be arranged by:** IAESTE LC Zurich  
**Estimated cost of living incl. lodging:** 1600 CHF / Month

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### Additional Information

Students with any NON-EU/EFTA nationality need for the visa and work permit an official letter from their university, confirming that the internship is compulsory (IAESTE Switzerland will apply for them).

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### Nomination Information

**Deadline for nomination:** 15-MAR-2020

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**Date:** 30-JAN-2020  
**On behalf of receiving country:** Sabine Lenz