

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name **PRESO, DAVIDE BERNARDO**
Address **AVENUE DE BÉTHUSY 4, CH-1005 -LAUSANNE**
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LinkedIn <http://www.linkedin.com/in/davide-bernardo-pres0>
Nationality Italian
Date of birth 11/05/1994

WORK EXPERIENCE

- Dates (from – to) SEPTEMBER 2019 - present
- Name and address of employer Ecole Polytechnique Fédérale de Lausanne - EPFL
- Occupation or position held **PhD student (European Union Horizon 2020 – UCOM Project)**
- Main activities and responsibilities Sonochemistry and bubble dynamics

- Dates (from – to) APRIL 2019 – SEPTEMBER 2019
- Name and address of employer Swiss Federal Institute of Technology ETH - Zurich
- Occupation or position held **Scientific assistant**
- Main activities and responsibilities Modelling and optimization of post-combustion CO₂ capture processes

- Dates (from – to) NOVEMBER 2017 – NOVEMBER 2018
- Name and address of employer Alma Mater Studiorum – University of Bologna
- Occupation or position held **Tutor of the study course in Chemical and Process Engineering**
- Main activities and responsibilities Point of reference for didactic activities, Italian DM 198/2003

- Dates (from – to) SEPTEMBER 2014 – OCTOBER 2014
- Name and address of employer Budget Energy – Derry, Northern Ireland
- Type of business or sector Electric energy selling company
- Occupation or position held **Internship (European Leonardo Da Vinci project)**
- Main activities and responsibilities Admin duties, filing in database

EDUCATION AND TRAINING

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

SEPTEMBER 2018 – FEBRUARY 2019
Swiss Federal Institute of Technology ETH - Zurich

Research in the field of CO₂ Capture and Storage with Chilled Ammonia Process

Master Thesis Final Project

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

JULY 2017
Alma Mater Studiorum – University of Bologna

Summer School: Big Data in the Chemical Engineering: methods for analysis, validation and modelling
Certificate

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

SEPTEMBER 2016 – MARCH 2019
Alma Mater Studiorum – University of Bologna

Master course in Chemical and Process Engineering

Master's degree (grade 110/110) (with a thesis on Model-based CO₂ Capture Process)

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

SEPTEMBER 2013 – OCTOBER 2016
Alma Mater Studiorum – University of Bologna

Bachelor course in Chemical and Biochemical Engineering

Bachelor's degree (grade 94/110) (with a thesis on Polymeric Composite Materials)

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

NOVEMBER 2012
ENEA Research Center - Brindisi

Review on ENEA's state-of-the-art Technologies and Nanotechnologies for Polymers

Certificate of participation

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

ENGLISH

EXCELLENT

EXCELLENT

EXCELLENT

**SOCIAL SKILLS
AND COMPETENCES**

Ability and spirit of teamwork, ability to adapt to multicultural environments and excellent communication skills, acquired in multiple situations, in particular during the various experiences abroad.

**ORGANIZATIONAL SKILLS
AND COMPETENCES**

Ability to organize work, setting priorities and taking responsibility, gained particularly during the last years of research abroad, where I was required to manage the different activities according to the deadlines and goals. I have always been an active member of the work environment where I served.

**TECHNICAL SKILLS
AND COMPETENCES**

Vast knowledge of Microsoft and Mac ecosystem and applications, such as Office Suite, as well as knowledge and manual skill in the use of hardware and excellent capability to surf the net.

Vast competences in C language and Matlab programming.

Vast competences in the following softwares:

- Office Excel
- Aspen HYSYS, Aspen PLUS
- Autocad 2D

DRIVING LICENCES

A1, B (Italian)

ADDITIONAL INFORMATION

I got Safety Certificate according to the article 2, comma 1, letter A, of the lgs. D. 81/08 of the Italian legislature. Certificates refer to Ateco 85.42.00.

In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document.