

CURRICULUM VITAE

PERSONAL INFORMATION:

Name: Brunner Cyril
Address: Eidmattstrasse 50
8032 Zürich CH
Cell Phone: +41 79 757 55 37
E-Mail: brunner.cyril@gmail.com
Date of Birth: February 19th, 1987
Marital Status: With partner
Place of Birth: Solothurn, Switzerland

EDUCATION:

Since 06/2018 **PhD-Student**
Institute for Atmospheric and Climate Sciences
Swiss Federal Institute of Technology in Zurich (ETHZ), CH.

09/2015 – 06/2018 **Master of Science (MSc) in Mechanical Engineering**
Swiss Federal Institute of Technology in Zurich (ETHZ), CH.
Focus in Thermo and Fluid Dynamics
Final mark: 5.7

09/2012 – 08/2015 **Bachelor of Science (BSc) in Mechanical Engineering**
Zurich University of Applied Sciences (ZHAW),
Winterthur, CH.
Bachelor Thesis in Computational Fluid Dynamics
Minors: Control Engineering / Integrated Development and
Engineering / Project and Quality Management
Final mark: 5.5

09/2011 – 08/2012 **Assessment-Studies in Aviation**
Zurich University of Applied Sciences (ZHAW)
Assessment mark: 5.3

08/2010 – 07/2011 **Technical Vocational Baccalaureate**
Gewerblich-industrielle Berufsschule Liestal, CH.

08/2003 – 07/2006 **Apprenticeship as a Chemical Laboratory Worker**
Ciba SC, Basel, CH.

EMPLOYMENT HISTORY:

2013, 2014, 2015, 2017	Leakage Testing during maintenance, Nuclear Power Plant, Leibstadt, CH.
02/2017 – 06/2017	Assistant Thermodynamics, ETHZ, Zurich, CH.
01/2016 – 12/2016	Assistant Control Engineering, ZHAW, Winterthur, CH.
02/2015 – 07/2015	Tutor in Linear Algebra, ZHAW, Winterthur, CH.
07/2013 – 09/2013	Trainee in Structural Testing, Solar Impulse, Dübendorf, CH.
09/2008 – 07/2010	Chemical Laboratory Worker, Syngenta CP, Munchwilen, CH. Process development, synthesis
09/2007 – 08/2008	Chemical Laboratory Worker, Ciba SC, Newport, DE, USA. Process optimization, synthesis
08/2006 – 08/2007	Chemical Laboratory Worker, Ciba SC, Basel, CH. Core research, synthesis

LANGUAGE SKILLS:

German	Native Language
English	Level C1, Certificate in Advanced English, Grade B
French	Level B1

COMPUTER SKILLS:

OS:	Windows 10 and earlier versions / OS X El Capitan/ Linux only basics
Office:	MS Word, Excel, PowerPoint, MS Project and Visio 2016 / Latex 2 _ε , TeXstudio
Programming skills:	C++, Python, MATLAB
CAD:	Solidworks / CATIA V5 / Inventor
CFD:	Star ccm+ / XFlow 2016 (LBM) / Ansys CFX 15.0 / Open Foam 2.3.x
FEM:	Ansys 15.0 / RecurDyn
Numerical Analysis Software:	MATLAB 18b / Mathematica / KISSsoft
Image editing:	Adobe Photoshop, Lightroom, Illustrator CC 2018

ACTIVITIES AND INTERESTS:

Gliding / Mountain-Sports (Hiking, Mycology) / Photography / Crafting (Modelling, CNC, Arduino)

REFERENCES:

Available on request