

Valentin Jan Czamler

Curriculum Vitae

71 avenue des Martyrs CS 20156
38042 GRENOBLE
☎ +33762792425
✉ vczamler@ill.fr
DOB: 02/17/1994



Education

- Since 2019 **University of Vienna**, *Master Studies*, Philosophy.
- Since 2018 **Technical University of Vienna**, *Master Studies*, Technical Physics.
- 2017 **Université Paul Sabatier (Toulouse)**, *Semester abroad*, Technical Physics.
- 2014 – 2019 **University of Vienna**, *Bachelor Studies*, Philosophy.
- 2013 – 2018 **Technical University of Vienna**, *Bachelor Studies*, Technical Physics.
- 2004 – 2012 **"Gymnasium Dachsberg der Oblate des hl. Franz von Sales"**, **Prambachkirchen**, *Focus on Music and Arts*, Degree: Matura with superior success.

Research Projects

- Since June 2019 **Master-Project**, INSTITUTE OF HIGH ENERGY PHYSICS, NIKOLSDORFER G. 18, 1050 WIEN, Theoretical Evaluation of Direct Detection Experiments for Low Energy Dark Matter.
- Jul 2018 – Sept 2018 **Research-Project**, INSTITUT LAUE-LANGEVIN, 71 AVENUE DES MARTYRS, 38000 GRENOBLE, Gravitational resonance spectroscopy with ultra cold neutrons., Project Thesis: "qBouncino – A small scale qBounce setup".
- Apr 2017 – Jun 2017 **Research-Project**, INSTITUT DE RECHERCHE SUR LES SYSTÈMES ATOMIQUES ET MOLÉCULAIRES COMPLEXES (IRSAMC), 118 ROUTE DE NARBONNE, 31000 TOULOUSE, Trapping and cooling with Magneto- Optical Trapping., Project Thesis: "Asservissement en fréquence d'un laser pour le refroidissement d'atomes de rubidium".
- Aug 2016 – Oct 2016 **Bachelor-Project**, BMW MOTOREN GMBH, HINTERBERGERSTRASSE 2, 4400 STEYR, Computational Fluid Dynamics, Bachelor Thesis: "Validierung von Mehrphasenmodellen zur Simulation von Abschreckvorgängen im Motorenbau".

Professional Experience

- Oct 2015 – Mar 2021 **Marginal Employment**, UNIVERSITY OF NATURAL RESOURCES AND LIFE SCIENCES - INSTITUT FOR PHYSICS AND MATERIAL SCIENCES, GREGOR-MENDEL-STRASSE 33, 1180 VIENNA, Teaching and assisting in designing and correcting exams.
- Jul 2015 – Aug 2015 **Internship**, BMW MOTOREN GMBH, HINTERBERGERSTRASSE 2, 4400 STEYR, Stress Calculations and simulations with finite elements.
- Jun 2014 – Aug 2014 **Student Trainee**, B1B WERKSTOFF-ZENTRUM, VOESTALPINE AG VOESTALPINE-STRASSE 1, 4020 LINZ.
- Aug 2012 – Aug 2013 **Teacher and Educator (Civil Service)**, NAVAJEEVAN BALA BHAVAN; BAVAJIPET 1ST LANE, 520003 VIJAYAWADA, ANDHRA PRADESH, INDIEN, Teaching and educational work in a children's village.

Awards & Scholarships

- 2020, 2019, 2018 Scholarship to attend the "European Forum Alpbach"

- 2018 Scholarships for Achievement of the Technical University of Vienna
- 2017 Erasmus+- Mobility scholarship
- 2016 Scholarships for Achievement of the University of Vienna
- 2012 Dr. Hans-Riegel-Award

International Experience

- Jul 2018 – Research-Project: Grenoble, France
Sept 2018
- Jan 2017 – Semester Abroad: Toulouse, France
Jun 2017
- Aug 2012 – Civil Service: Vijayawada, India
Aug 2013

Extracurricula Activities

- Winter Semester 2020 **Lecture series: The societal responsibility of higher education institutions**, *Organisation, Co-Hosting*, University of Vienna.
- Since 2019 **Student Union – University of Vienna/IG Philosophie**, *Student guidance, comission work*, Vienna.
- Since 2018 **Club Alpbach Oberösterreich**, *Club to assign scholarships to attend the "European Forum Alpbach*, Linz/Vienna.
- Since 2012 **Kutlurverein Aufschrei**, *Club for the encouragement of young and critical culture*, Aschach an der Donau.
- 2010 – 2011 **Student Body, Student Parliament**, *Democratic representation in the state student parliament*, Prambachkirchen/Linz.

Personal Skills

Programming and Software

- Scripting Languages PYTHON, C++, BASH, MATHEMATICA, LABVIEW
- CFD Computational Fluid Dynamics: STAR-CCM+
- FE Finite Elements: FENICS, ANSA, ABAQUS, MEDINA, META

Languages

- German first language
- English advanced knowledge (C1)
- French upper intermediate (B2)
- Latin O-Level, "kleines Latinum"
- Ancient Greek Elementary
- Telugu Elementary