

# Curriculum Vitae – Paulus Salomon Bauer

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Born: June 27<sup>th</sup> 1987 in Salzburg

## Education

since 09/2014

**Doctoral research study**  
at the University of Vienna in Physics  
Main research interest: Aerosol Science  
Working title: “*In-situ investigations of biogenic nanoparticle formation utilizing small angle x-ray scattering (SAXS)*”

10/2011 - 11/2013

**Master of Science in Physics**  
at the University of Heidelberg  
Main interest: Environmental Physics  
Master thesis: “*Development of an imaging polarimeter for water wave slope measurements*”

08/2010 - 06/2011

**ERASMUS year**  
at the KTH Stockholm  
Main interests: Particle and Statistical Physics and Astronomy

10/2007 - 01/2011

**Bachelor of Science in Technical Physics**  
at the Technical University of Graz  
Bachelor thesis: “*ML Tutor Beispiele rund um  $\pi^i$* ”

10/2006 - 06/2007

**Civil Service**  
at the rehabilitation center for neurological and cardiological patients in Großgmain

09/2001 - 06/2006

**Matura at the HTBLA Salzburg**  
Matura (equivalent to A-level)  
Specialization: electronics and technical computer science  
Final Project: Programming a hexapod robot

01/2015, Vienna

## Professional Experience

- 03/2012                      Internship at the Atmospheric Aerosol Research group  
at the KIT Karlsruhe  
Main subjects: freezing droplets and EM-image analysis
- 03/2012 – 07/2012           Student Employee at the “ice group”  
at the Institute of Environmental Physics in Heidelberg

## Skills

- Computer:                      Office, Latex, CAD
- Program Languages:          C++, Visual Basic, Matlab, Heurisko, Igor Pro, Python
- Languages:                      German (native), English (fluent),  
Swedish (basic), French (basic)