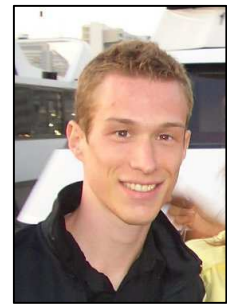


## Curriculum Vitae - Stefan Achleitner

Date of Birth: 19 January 1985  
Place of Birth: Oberndorf/Salzburg, Austria  
Citizenship: Austria  
Email: steve.achleitner@gmail.com  
Mobile: 1 - 209 - 628 - 9601



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### Education

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August 2011 – present                      **University of California, Merced, California**  
**PhD in Electrical Engineering and Computer Science**  
Main focus on Networking Technologies, Wireless Sensor Networks

October 2008 – December 2010            **Vienna University of Technology, Austria**  
**Master of Science in Business Engineering**  
Main focus on Business Administration, Investment and Finance, Project Management  
Graduated with distinction

October 2008 – September 2010           **Vienna University of Technology, Austria**  
**Master of Science in Computer Science**  
Main focus on Software Engineering and Internet Computing  
Graduated with distinction

June 2009 – September 2009              **Stanford University, Stanford, California**  
**Visiting Student**  
Courses in Computer Science and Management Science & Engineering

October 2005 – September 2008           **Vienna University of Technology, Austria**  
**Bachelor of Science in Computer Science**  
Main focus on Computer Graphics and Multimedia

September 1999 – June 2004               **HTL (college-preparatory technical high school) Vöcklabruck, Austria**  
**Environmental Engineering**  
Graduated with distinction

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### Work experience

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August 2011 – present                      **University of California, Merced, USA**  
Teaching assistant, supervising labs, grading projects and exams,

February 2011 – May 2011                 **Christian Doppler Laboratory, Austria**  
Developer in the field of Software Engineering Integration for flexible Automation Systems

October 2010 – July 2011                 **Vienna University of Technology, Austria**  
Research Assistant and Lecturer at the department of Management Science  
Working on a research project for the development of a Web 2.0 based Enterprise Resource Planning Software, delivering lectures, correcting assignments and exams

August 2003 – present                      **Actynos - CEO/Founder, Austria/USA**  
IT Project Management, Software Solutions, IT Consulting, Internet technologies  
Various national and international IT projects – www.actynos.com

October 2004 – September 2005           **“Lebenshilfe” - Community Service**  
Care worker for the Austrian non-profit organization “Lebenshilfe” which provides assistance to disabled and mentally handicapped people

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## Internships

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July 2008 - August 2008	<b>Siemens AG – Vienna, Austria</b> Software Engineer for the development of a Medical Enterprise Information System for Hospitals
July 2007 - August 2007	<b>Sony Pictures Television International – Cologne, Germany</b> Video Operation and Processing Technician
July 2006 - August 2006	<b>Sony Pictures Television International – Cologne, Germany</b> Visual Effects / Computer Animation Assistant
July 2003 - August 2003	<b>Best Water Technology Corporation – Mondsee, Austria</b> Water Hygiene Engineering Assistant, development of a drinking water hygiene plan for school buildings
July 2002 - August 2002	<b>Western German Broadcasting Corporation – Cologne, Germany</b> Camera and Audio Assistant

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## Teaching Experience

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### University of California, Merced, USA

Spring Semester 2012	<b>Teaching assistant for CSE 150 <i>Operating Systems</i></b>
Fall Semester 2011	<b>Teaching assistant for CSE 160 <i>Computer Networks</i></b>

### Vienna University of Technology, Austria

Summer Term 2011	<b>Class instructor for <i>Design of Enterprise Resource Planning Systems</i></b>
Winter Term 2010/2011	<b>Lecturing Tutor for <i>Practical Business Administration</i></b> <b>Teaching assistant for <i>Management of Software Projects</i></b>
Summer Term 2010	<b>Teaching assistant for <i>Software Engineering &amp; Project Management</i></b> <b>Teaching assistant for <i>Business Intelligence</i></b> <b>Teaching assistant for <i>IT Services: Processes and Implementation</i></b>
Winter Term 2009/2010	<b>Teaching assistant for <i>Management of Software Projects</i></b>

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## Special Knowledge

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- **Programming languages/Software Engineering:** Java (SE, EE), C, C++, C#, Perl, PHP, Java Script, Visual Basic, Ruby, Assembly, SQL, Python, TinyOS
- **Distributed Systems Technologies**
- **Satellite Navigation** (GPS, GLONASS)
- **IT Project Management**
- **Computer Graphics and Multimedia Technologies**
- **Enterprise Resource Planning Systems:** Design, Methods and Architecture – ERP Control, MS Dynamics AX
- **Operating Systems:** Windows, Linux, Unix
- **Embedded Wireless Sensor Systems**
- **Networking Technologies**

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## Research Experience

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January 2012 – April 2012	<b>Implementation of a particle filter algorithm for occupancy tracking</b> University of California, Merced, ANDES Lab, School of Engineering
August 2011 – December 2011	<b>Development of a PIR triggered sensor for room occupancy measurement</b> University of California, Merced, ANDES Lab, School of Engineering

March 2010 – September 2010	<b>Design, implementation and development of a large scale distributed system for the planning and control of financial instruments</b> Vienna University of Technology, Department of Management Science
March 2009 – June 2009	<b>Paper about the transmission of GPS signals from transport vehicles over a USB interface</b> Vienna University of Technology, Systems Automation Group
March 2008 – July 2008	<b>Paper about the satellite positioning of cell phones, especially as applied to the protection of children</b> Vienna University of Technology, Systems Automation Group
March 2008 – July 2008	<b>Implementation of a research project for the optimization of transit routes for ambulance vehicles</b> Vienna University of Technology, Information and Software Engineering Group

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## Awards

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October 2009	<b>Special Grant for outstanding academic achievements</b> Awarded by the Austrian Education Ministry
September 2009 - present	<b>Member of Students4Excellence</b> Students4Excellence is a nationwide network organized by one of the largest Austrian companies for the best students of the country
June 2003	<b>Cyberschool Technics Challenge</b> Upper Austria University of Applied Sciences, Hagenberg, Austria University-sponsored Computer Science challenge 2 <sup>nd</sup> Place for the Project "WebWizard" (Web Developing Software)

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## Publications

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April 2012 (in progress)	<b>POEM: Power-efficient Occupancy-based Energy Management System</b> V. Erickson, S. Achleitner, A. Cerpa, submitted to ACM SenSys 2012
March 2011	<b>Software based planning and control of Financial Instruments</b> Published at VDM Publishing House, Germany; ISBN - 978-3639276381
February 2011	<b>ERP Software modeling of financial instruments in a distributed probability space</b> Conference book of the Value Day 2011 conference

5/8/2012