

Curriculum Vitae

Name: Christoph Zengler
Nationality: German
Date of Birth: 30.07.1982
Place of Birth: Deggendorf / Germany
Marital Status: Single

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EDUCATION:

2009 - present	University of Tübingen / Germany <i>PhD in Computer Science</i> <i>Supervisor: Prof. Dr. Wolfgang Kuchlin</i>
2008 - 2009	Heriot-Watt University Edinburgh / Scotland <i>Researcher at the ULTRA Group</i> <i>Supervisors: Prof. Fairouz Kamareddine and Dr. Joe Wells</i>
2003 - 2007	University of Passau / Germany <i>Study of computer science with minor subject math</i> <i>Diploma grade: 1.1 (with distinction)</i> <i>Diploma thesis: Generalised SAT-Checking in a First-Order Logic Framework (1.0)</i>
2002 - 2003	University of Vienna / Austria <i>Study of musicology and dramatics</i>
1993 - 2002	Comenius Gymnasium (grammar school) Deggendorf / Germany <i>advanced courses: math / history</i> <i>A-Level grade: 1.9</i>

AWARDS AND FELLOWSHIPS:

2008	University of Passau / Germany <i>Award of the faculty of computer science and mathematics</i>
2006 - 2007	Bavarian Elite-Academy, Munich / Germany <i>Fellowship of Bavarian enterprises and universities</i>
2006 - 2007	e-fellows <i>Fellowship</i>
2002	Dr. Ingomar Senz Kulturpreis (Culture award), Deggendorf / Germany <i>Culture award of the Comenius Grammar School for excellent cultural commitment</i>
2001	Anton Brunner Musik Preis (Music award), Deggendorf / Germany <i>Award for excellent efforts in music</i>

PUBLICATIONS:

- *MathLang - Towards a better usability and building the path into Coq*, Technical report, Heriot-Watt University 2008
- *Computerising mathematical text in MathLang* (with F. Kamareddine and J. Wells), paper in preparation, 2008
- *Generalised SAT-checking in a First-Order Logic Framework*, Diploma thesis, University of Passau, 2008
- Christoph Zengler et al.: *Obstacles to Innovation in Industry and Society*, Bayerische Elite-Akademie

PROFESSIONAL ACTIVITY:

Conferences:

- Talk at the Doctoral Symposium of MKM 2008 (Mathematical Knowledge Management) Birmingham, England

Organisation:

- Publicity Chair for the ADG 2008 (Automated Deduction in Geometry) Shanghai, China
- Member of the Organising Committee of the WoLLIC 2008 (Workshop on Logic, Language, Information and Computation), Edinburgh, Scotland

Reviewing for:

- MICA 2008 (Milestones in Computer Algebra) in Stonehaven Bay, Trinidad and Tobago
- WoLLIC 2008 (Workshop on Logic, Language, Information and Computation) in Edinburgh, Scotland
- MKM 2008 (Mathematical Knowledge Management) in Birmingham, England
- LSFA 2008 (Third Workshop on Logical and Semantic Frameworks, with Applications) in Salvador, Brazil

TEACHING EXPERIENCE:

ST 09	Lecture & Tutorial “SAT-Solving and applications” (<i>conception and supervision</i>)
	Practical Course “Automated Reasoning” (<i>conception and supervision</i>)
WT 08/09	Tutorial and Lab course “Software Development 1” (<i>tutor</i>)
	Lab course “Algorithms and Datastructures 2” (<i>tutor</i>)
WT 07/08	Tutorial “Foundations of Computer Science” (<i>tutor</i>)
ST 07	Tutorial “Algorithms and Data Structures” (<i>tutor</i>)
	Tutorial “Algebra and Logic” (<i>tutor</i>)
	Tutorial “Basics of Computer Science for Teachers” (<i>conception and supervision</i>)
	Sommercamp at the University of Passau, Group “Sorting Algorithms” (<i>tutor</i>)
WT 06/07	Tutorial and Lab course “Programming” (<i>tutor</i>)
	Tutorial “Linear Algebra” (<i>tutor</i>)
	Tutorial “Basics of Computer Science for Teachers” (<i>conception and supervision</i>)

Certificate in LEADS 1 & 2 (Learning Enhancement And Development Skills)

PROFESSIONAL EXPERIENCE:

2006 - 2007	Chair of Programming, Prof. Lengauer at the University of Passau / Germany <i>Tutor</i>
2006 - 2007	Chair of Algebra, Prof. Weispfenning at the University of Passau / Germany <i>Tutor</i>
2006 - 2007	Research group “LooPo” (Loop Parallelization) <i>Student Assistant</i>
2004 - 2006	System Administration of the University of Passau / Germany <i>Student Assistant, Conception and maintenance of Linux and Windows computer labs</i>
August 2003	District Hospital, Mainkofen / Germany <i>Internship in system administration, system and database administration</i>
2000 - 2007	PC & Co. Deggendorf / Germany <i>Acquisition of the company, IT-consulting, administration of networks, support for middle-sized companies</i>
1998 - 2000	PC & Co. Deggendorf / Germany <i>Computer installations and repairs, administration of networks</i>

SKILLS:

Languages

- German (*mother-tongue*)
- English (*fluent*)
- French, Latin (*basics*)

Computer Skills:

- Java, R-LISP (*very good*)
- Haskell, HTML, PHP (*good*)
- ML, SQL, Javascript, C, C++ (*basics*)
- Coq
- L^AT_EX (*very good*)

HOBBIES:

- Playing the Piano, Singing, Composing
- Classical Music
- Greek Mythology
- Cooking

REFEREES:

- *University of Tübingen*
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Sand 14
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Prof. Wolfgang Kuechlin

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- *University of Passau*
Fakultät für Informatik und Mathematik
Innstr. 33
94032 Passau
Germany

Prof. Christian Lengauer

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BAVARIAN ELITE-ACADEMY:

Each year only about 30 Students are chosen from the Bavarian universities to take part in this supplementary education. The Bavarian Elite Academy is an additional institution serving the best students of the Free State of Bavaria who are deemed suitable for fulfilling leadership tasks in future. The main goals of the Bavarian Elite Academy are personality development and the cultivation of leadership qualities. We try to promote this goal through:

- seminars and workshops to develop personality
- personal meetings with role models of leadership
- the result-driven working on complex projects of significant practical impact which concern the economy and social policy
- and the accompanying teaching of methodology

Being slated for leadership by their talent, their exceptional performance and the will to excel, the academy's students are trained with such courses at an early stage and in an optimal way in order to prudentially take over a leadership position later on in their professional career. The students are confronted with social reality and its potential developments at an early stage by personally meeting top executives and thoroughly debating with and being guided by designated experts and masterminds in the economy, science and politics. The Bavarian Elite-Academy is funded by a non-profit foundation and numerous business representatives. The German universities work closely together with us. Numerous international contacts as well as cooperation with international institutions guarantee the international orientation of the Bavarian Elite-Academy.