

mario preishuber

bachelor student

contact

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languages

German, mother tongue
English

programming

my favorites

C, J2EE, Shell

C++, JDBC, J2ME, JSP
PHP, Python, HTML, CSS
JavaScript
Apache Struts 2.0

basics

ASP.Net, C#

software

IBM Rational Developer
Eclipse, NetBeans
Photoshop, Dreamweaver
Linux

reporting

GnuPlot, L^AT_EX, Birt

databases

Postgres, MySQL

operating systems

Linux, MacOS, Windows

education

- Since 2011 **Bachelor's program** in Computer Science Salzburg, Salzburg, Austria
University of Salzburg
Expected graduation: July 2014.
- 2009 **Diploma thesis** Braunau am Inn, Upper Austria, Austria
(*Technical*) high school
Major: design and communication technologies
My diploma thesis was done in cooperation with Sony (DADC) Austria. The topic of my thesis is developing software for analyzing and filtering large volume of email traffic sent to customer support. I developed the so-called SEER (Sophisticated Embedded Email Responder) for this purpose with another student.

employment

- Sep 2011 **DVT-Daten-Verarbeitung-Tirol GmbH** Innsbruck, Tirol, Austria
May 2010 *Software Engineer*
I designed and implemented web applications based on a J2EE architecture and the Apache Struts 2.0 framework.

experience

- Since Aug 2013 **ACDC4JS, Research Group of Professor Christoph Kirsch** Salzburg, Salzburg, Austria
Project Staff
The project is done in cooperation with Google Munich. The purpose of ACDC4JS is to analyze the efficiency of the garbage collector in JavaScript virtual machines, especially Google's V8. I am working on research and development of measurement tools. The analyses of heap models, using automated user interactions is also part of my work.
- June 2013 **PCCC, Compiler Construction Class, University of Salzburg** Salzburg, Salzburg, Austria
Feb 2013 *Student*
The goal is to develop a self-compiling compiler. I have developed a full functionally compiler in a non-trivial subset of C together with another student. Target is a DLX-based emulator. My self-compiling compiler is called PCCC and was the best project of the class.
- Sep 2012 **SIGMATEK GmbH & Co KG** Lamprechtshausen, Salzburg, Austria
Aug 2012 *Summer Intern*
I developed a Wireshark plugin for the Nested Varan Frames protocol. I extended an existing NSIS installer. Used programming languages were C and C++.
- Aug 2008 **ppedv AG** Burghausen, Bavaria, Germany
July 2008 *Summer Intern*
I implemented new features and a new design for the homepage, blog-engine and forum of the company using .Net technologies.

awards

- 2009 **Innovation & Wirtschaft in OÖ** OÖ. Technologie- und Marketinggesellschaft m.b.H
With the SEER project I won the first price in the category IT with my college. A competition for innovative high school students, supported by the government of Upper Austria.

interests

professional: memory management, database tuning
personal: car racing, meet friends