

MICHAEL HERRMANN

PERSONAL DETAILS

Date of Birth: October 13th, 1987

Place of Birth: Vienna, Austria

EDUCATION

10/2009 – 09/2010

University of Oxford – MSc Mathematics and the Foundations of Computer Science

- Top of programme in two, joint top in one of five lecture courses taken.
- Dissertation: *Models of Multipartite Entanglement*, awarded a prize for best in class.

01/2007 – 06/2009

Imperial College London – BSc Joint Maths and Computing (first class honours)

- Bachelor's thesis: *Coinductive Definitions and Real Numbers (2009)*
- Degree classification: 88.0% (top of class)

09/2005 – 05/2006

Compulsory Military Service – Vienna

10/1997 – 06/2005

Grammar School Piaristengymnasium Vienna – A-Levels

- Grade point average: 1.0

EXPERIENCE IN SOFTWARE DEVELOPMENT

Since 10/2014

Founder – Terminerinnerung.org

- SMS appointment reminder service for health care businesses.

11/2010 – 03/2012

Java Developer and Architect – willhaben internet service GmbH & Co KG

- Architected business critical anti-fraud system handling millions of user messages per month.

08/2009 – 09/2009

Development of a first prototype of a commercial Facebook App

10/2008 – 01/2009

Predicate Logic Semantics Tutor (Java Group Project) – Imperial College London

- Asked by the college to present the software to prospective students on open days.

10/2008 – 03/2009

Undergraduate Teaching Assistant – Imperial College London

07/2008 – 08/2008

Developing Image Based Coin Size Recognition Tool – Vienna University of Technology

- Published the results and presented the tool at an international conference.

03/2008

Student Volunteer – QCon London Software Development Conference

07/2007 – 09/2007

Adding Natural Language Processing to Web Data Extraction Application – Lixto, Vienna

- Awarded additional bonus for good work at the end of the internship.

06/2006 – 07/2006

Developing J2EE Web Application for Maintenance of DB2 database – BlueIT, Vienna

07/2004 – 08/2004

ActionScript & JavaScript Software Development – Illustree New Media Agency, Vienna

02/2004

Developing Java Web Service and PHP Web Front-end for Compiling ActionScript Online

10/2003 – 05/2004

Co-founder and Maintainer of Open Source Project As2lib for ActionScript

09/2002

Programming a Simple 3D-Engine using Macromedia Flash

SKILLS

Programming Languages: Java (since 2004), Python (full-time since 2012), PHP, Scala, SQL, JavaScript, MATLAB, Haskell, C, Linux Shell Scripting (bash), Prolog, C/C++

Tools: Git, Maven, Jenkins, IntelliJ IDEA, PyCharm, Eclipse, Ant, SVN, CVS, SSH

Frameworks / Technologies: Selenium, Core Spring 3.x (certified 03/2011, 94%), JSF, JDBC, JUnit, EasyMock, CakePHP, Facebook API, EMF, ANTLR, XML, HTML, CSS, Apache Velocity

Operating Systems: OS X, Windows 7, XP, 98; Debian, Ubuntu

Languages: Native German, proficient English, basic French

AWARDS

10/2012

Innovation Prize – Polish Agency for Enterprise Development

- Awarded to the GUI automation tool Automa developed at BugFree Software.

09/2010

Tony Hoare Prize – University of Oxford

- Awarded for the best Master's thesis in the graduating class.

10/2009

Governors' BSc Prize – Imperial College

- Awarded for the best overall result in the graduating class.

One-third share in Donald Davies Project Prize – Imperial College

- Awarded for outstanding final year individual project (Bachelor's thesis).

10/2008

Joint Honours Mathematics and Computing Science Non-Final Year Prize – Imperial College

10/2007

Joint Honours Mathematics and Computing Science First Year Prize – Imperial College

02/2007

Prize for passing the “Christmas Tests” as third best student – Morgan Stanley

11/2006

Solving a prize problem set by a lecturer – Imperial College