

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 awarded a prize for best in class: *Models of Multipartite Entanglement*.

01/2007 – 06/2009

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

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

09/2005 – 05/2006

Compulsory Military Service – Austria

10/1997 – 06/2005

Grammar School Piaristengymnasium Vienna – A-Levels

- Grade point average: 1.0

WORK EXPERIENCE

Since 08/2016

Founder – Omaha Consulting GmbH

- Implementing automatic update systems for companies with millions of users.
- Achieved cost savings of EUR 300,000 per year for one customer.
- Technologies: AWS, PostgreSQL, Redis, Docker, Terraform, Python, C++

Since 09/2019

Invited Trainer – CERN

- Teaching a 2-day course about Python and Qt to groups of 8 – 12 CERN engineers.
- Participants rate the course 3.94/4.00 in feedback forms; 100% would recommend it.

Since 12/2014

Founder – Terminerinnerung.org

- Implementing appointment reminder systems for doctors and their patients.
- Sending thousands of SMS per month on behalf of happy customers.
- Meeting the data protection and privacy requirements of the GDPR.

04/2012 – 12/2019

Co-Founder – BugFree Software

- Implemented innovative test automation tools for Windows applications and web sites.
- Won an EU grant for startups valued € 120,000.
- Customers included Intel, Samsung, UC Berkeley, NVIDIA, Cisco, Airbus.

11/2010 – 03/2012

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

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

07/2007 – 09/2007

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

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: Python, Java, JavaScript, CSS, HTML, SQL, C++, C, PHP, Scala, Haskell, Prolog.

DevOps: Docker, AWS, Terraform, Linux, Bash, PostgreSQL, Redis.

Entrepreneurship: Marketing, sales, communicating with customers, scoping projects, GDPR.

Languages: Native German, fluent English, basic French, basic Hungarian.

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