

Personal Information

Sven Haase

E-Mail: Sven.Haase@informatik.uni-erlangen.de
Date of Birth: 18 May 1987
Place of Birth: Fürth
Nationality: German

Education

- Feb 2011 - Friedrich-Alexander-University Erlangen-Nuremberg, Germany
Pattern Recognition Lab (Prof. Dr.-Ing. Hornegger),
Dept. of Computer Science
Researcher / PhD candidate, medical image processing
Research project: Time-of-Flight for 3D Endoscopy and Open Surgery
Funded by: German Research Foundation (DFG)
Project Partner: DKFZ Heidelberg
- 2006 - 2010 Heidelberg University, Germany
Diploma in “Medical Informatics“, Dipl. Inform. Med.
Foci: Distributed Systems in Medicine
Grade: 2.0
Diploma Thesis: “Optimierung optischer Messverfahren für Medizinische
Anwendung mittels Parallelisierung und Automatisierung“
- 1997 - 2006 Wolfgang Borchert Gymnasium, Langenzenn, Germany
Abitur, Foci: Mathematics and Physics
Grade: 2.2
- 1993 - 1997 Primary school in Langenzenn

Practical Experience

- April 2010 to February 2011 **Employee** at “3D-Shape GmbH”, Erlangen, Germany
Foci:
3D-Sensors with Structured Light
Parallelization and Optimization of Software
- October 2007 to September 2009 **Student research assistant** at “Heidelberg University”, Heidelberg, Germany
Foci:
Developing a unique software for planning surgeries using different imaging modalities
- July 2008 to September 2008 **Student research assistant** at “Fraunhofer Institute for Integrated Circuits IIS“, Erlangen, Germany
Foci:
Developing software for image processing in medicine
- February 2008 to April 2008 **Student research assistant** at “Fraunhofer Institute for Integrated Circuits IIS“, Erlangen, Germany
Foci:
Developing software for image processing in medicine
- July 2007 to September 2007 **Internship** at “Fraunhofer Institute for Integrated Circuits IIS“, Erlangen, Germany
Foci:
Literature research and developing software for image processing in medicine
- July 2007 to September 2007 **Internship** at “Itellium Systems & Services GmbH”, Fürth, Germany
Foci:
Developing testing plans, automated tests and different testing scripts for the usability of an online shop
- April 2005 to July 2006 **Assistant** at “Comet”, Langenzenn, Germany

Qualifications

Foreign languages	English (fluent) Spanish (advanced), Chinese (beginner)
Software	Microsoft Visual Studio, MATLAB, LaTeX, GIMP, Photoshop, Blender, Microsoft OS, Mac OS
Coding	C++, Objective C, Java, Javascript, Python, HTML, SQL
Libraries	Intel Open Source Computer Vision Library (OpenCV), Insight ToolKit (ITK), Visualization ToolKit (VTK), QT, CMake, Compute Unified Device Architecture (CUDA)
Further education	Course on talking and presentation techniques, Heidelberg University, Germany

Interests and Activities

Activities as a webmaster and designer
Creating 3D models for games
Jujitsu, TV 1848 Erlangen
McFit in Erlangen

Erlangen, 12 December 2011

Sven Haase