

Fabian Schmidt

Personal Data

Status/Function: PhD Student
Scientific focus: R&D PET/MRI
Phone: +49 7071 29 83454
Fax: +49 7071 29 4451
Email: f.schmidt@med.uni-tuebingen.de

Education and qualifications

2013 - 2015: **Full-time Student**
Electrical Engineering and Information Technology (Microelectronics) at the
Friedrich Alexander Universität Erlangen-Nürnberg
2009 – 2012: **Full-time Student**
Electrical Engineering and Information Technology at the Friedrich Alexander
Universität Erlangen-Nürnberg
1999 – 2008: **Full-time Student**
Mathematical-scientific grammar school Gymnasium Fränkische Schweiz,
Ebermannstadt

Work Experience

2015 – present: **PhD Student**
Development of a PET/MRI scanner for the human breast
Detector Physics, Werner Siemens Imaging Center, Tübingen
2014 – 2015: **Master Thesis / Intern**
Design and validation of an analog multiplexing method in the field of Positron
Emission Tomography
Siemens Healthcare IM MI DC R&D, Knoxville, Tennessee, USA
2014: **Student Research Assistant**
Evaluation and test of electrical circuits for Positron Emission Tomography
Siemens Corporate Technology RTC ELE RFT-DE, Erlangen
2013 - 2014: **Student Research Assistant**
Development and implementation of electrical circuits for medical products
Siemens Healthcare CP CV ME R&D 1 2, Erlangen
2012 - 2013: **Intern**
Development of a magnetostatic sensor for human pulse measurements
Siemens Corporate Technology RTC SET SSI-DE, Erlangen
2011 - 2012: **Student Research Assistant**
Video decoding in C++ for a navigation system
Friedrich Alexander Universität Erlangen-Nürnberg
2009: **Intern**
Observing soldering processes and test of MRI components
Siemens Healthcare, Erlangen

Teaching Experience

2014 Tutoring for the lecture *Signals and Systems* and MATLAB

Additional Qualifications and Skills

Languages: German, English
Programming languages: MATLAB, LaTeX
CAD: LTSpice, EAGLE, Multisim

Professional Memberships

Since 2014: Member of the IEEE

Awards and Honours

Siemens TOPAZ (Siemens Internal Sponsorship)
Siemens Masters Program (SMP) (Siemens Sponsorship)