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| Siemens Healthineers GmbHDiagnostic Imaging – Computed TomographyResearch & Development |  |
| **Position**Scanner and Applications Predevelopment |  |
|  |  |  |
| * **2007 – Scanner and Applications Predevelopment**

Siemens Healthineers GmbH* Image Reconstruction
* Iterative Reconstruction
* Interventional Imaging and Therapies
* Medical Image Postprocessing
* Monte-Carlo and Photon Transport Simulations
* Predevelopment Prototyping for Reconstruction, Dose Management, Postprocessing
* **2005 – 2007 PhD Thesis**

„Dual-Energy CT: Physical Models and Applications“Ludwig-Maximilians-University Munich* **2004 Diploma Thesis**

„Design and Implementation of a Hardware Circuit for Digital Signatures“ Technical University Munich* **2003 Bachelor Thesis**

”Development of a Simulation Environment for the MMIX Processing Architecture “Technical University Munich* 2004 – 2005 Project Lead LexCom GmbH
* 1998 – 2004 Project Lead belenus GmbH
* 2003 Project Lead j|g webdesign GmbH
* 2002 Project Lead Scanntronik Mugrauer GmbH
* **1999 – 2004 Electrical Engineering**

Technical University Munich * **1993 – 1997 Technical Communication Engineer**

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