

## Resumé



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|-------------------------------|---|
| Date of birth                 | June-10, 1970   |
| Location of birth             | Hagen, Germany  |
| Martial status                | Single  |
| July 2006 to Date             | Technology Transfer Product Engineer with Qimonda AG in Dresden, Germany  |
| July 2004 - June 2006         | Sales Manager with KLA-Tencor GmbH in Dresden, Germany  |
| August 2000 - June 2004       | Applications Engineer with KLA-Tencor GmbH in Dresden, Germany  |
| May 2000 - July 2000          | Post-doctoral Fellow at the Fritz-Haber-Institute of the Max-Planck-Society in Berlin, Germany  |
| September 1996 - April 2000   | Graduate Research Assistant in the department of Chemical Physics at the Fritz-Haber-Institute of the Max-Planck-Society in Berlin, Germany<br>Dissertation at the department of Physics of the Free University Berlin with grade „magna cum laude“ |
| March 1996 - August 1996      | R&D engineer with BiosQuant GmbH in Berlin, Germany   |
| October 1990 - September 1995 | Physics degree course at the Technical University Darmstadt, Gemany<br>Diploma degree with grade “Sehr Gut” (Very Good)   |
| October 1989 - September 1990 | Military service in Frankenberg and Kassel  |

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**Work and Research Experience**

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July 2006 to Date

**Technology Transfer Product Engineer, Qimonda AG, Dresden, Germany**

*Qimonda AG is a leading global memory supplier with a broad, diversified DRAM product portfolio. The company has approximately 13500 employees worldwide. Qimonda has access to five 300mm manufacturing sites on three continents and operates six major R&D facilities (<http://www.qimonda.com>).*

Key role within team for the Technology transfer of DRAM memory products from the R&D site in Dresden/Germany to the fabrication sites in the USA and Taiwan; Analysis of production processes with regards to yield and quality; Comparison of the different production sites with the goal of process optimization; Close liaison with partner sites in USA and Taiwan requiring extended visits for direct contact. Telephone and email communication with American and Asian partners on a daily base.

July 2004 -  
June 2006**Sales Manager, KLA-Tencor GmbH, Dresden, Germany**

*KLA-Tencor is the world leader in yield management and process control solutions for semiconductor manufacturing and related industries. Headquartered in San Jose, Calif., the company has sales and service offices around the world. KLA-Tencor has over 5500 employees worldwide, approx. 100 in Germany (<http://www.kla-tencor.com>).*

Sales Manager responsible for the biggest Semiconductor manufacturing plant in Germany; Sales and marketing of over 40 products in the domain of defect inspection and process control in semiconductor manufacturing (technical and commercial negotiations, driving purchase agreements); Support and counseling of technical and commercial customers (product presentations, regular customer meetings, coordination of delivery dates and terms); Active participation in strategic business planning (forecasting, market positioning, competition analysis); Close cooperation with KLA-Tencor offices in USA, Europe and Israel with respect to commercial and technical topics (regular phone conferences and meetings in English language); Project management and supervision.

August 2000 -  
June 2004**Applications Engineer, KLA-Tencor GmbH, Dresden, Germany**

Support for several defect inspection products at different customer sites (Set-up and optimization of inspection recipes, failure analysis); Customer support and technical counseling (optimized utilization of inspection equipment, basic principles of operation); Project management.

May 2000 -  
July 2000**Post-doctoral Fellow, Fritz-Haber-Institute of the Max-Planck-Society, Berlin, Germany**

Installation of a Nd:YAG based ultra short pulse laser system; Set-up of a gas chromatograph for parallel measurements of chemical reactions using laser spectroscopy and gas analysis tools.

September 1996 -  
April 2000**Graduate Research Assistant, Fritz-Haber-Institute of the Max-Planck-Society, Berlin, Germany**

Ph.D. thesis "Sum Frequency Generation Spectroscopy on Model Catalysts"; Set-up and intensive use of an amplified ultra short pulse laser system; Design and set-up of a photo multiplier based single photon detection system; Design and set-up of a complex ultra-high vacuum sample preparation and characterization system; Preparation, execution and analysis of experiments using metal and metal-oxide surfaces, resulting in several publications in major scientific journals.

March 1996 -  
August 1996

*R&D Engineer, BiosQuant GmbH, Berlin, Germany*

Design of customer-specific optical imaging devices using optical CAD and mathematical software; Participation in meetings with customers and research partners.

June 1994 -  
September 1995

*Student Research Fellow, Technical University of Darmstadt, Darmstadt, Germany*

Diploma thesis "Optical Image Processing in a Photorefractive Multi Image Memory"; Experimental set-up of a photorefractive image memory using argon ion lasers and nonlinear optical crystals.

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**Additional Skills** (certified)

*Achieve Global* General management training

*Thames Valley Chamber* Time management training

*Miller-Heiman* Sales training

*Think! Inc.* Negotiation training

*Positive Light* In-depth training on ultra-short pulse laser systems

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**IT Skills**

MS Office applications (Word, Powerpoint, Outlook, etc.)

Certified trainings for MS Excel and MS Project

Cornerstone data analysis software

Mathematica, Matlab, ZEMAX

SAP R/3

Operation systems theory (as part of the Diploma)

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**Language Skills**

German: mother tongue

English: fluent, both written and spoken

French: basic knowledge

Mandarin: beginner

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**Hobbies**

Scuba diving (certified PADI Rescue Diver)

Running (half-marathon and marathon distance)