

CURRICULUM VITAE

ANKIT KAUSHIK

CONTACT DETAILS

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PERSONAL DETAILS

Date of birth: 07.06.1984
Place of birth: Delhi, India
Nationality: Indian
Marital Status: Married

EDUCATION

- 10.2005–07.2007 **Master's Degree:**
Information and Communication Engineering
University of Karlsruhe, Germany and Politecnico di Torino, Italy
Degree Acquired: M.Sc. (Master of Science, European Master of Research on Information and Communications Technologies (MERIT))
Final Grade: 1,4 (German Standards) 110/110 with Honours (Italian Standards)
- 08.2001–06.2005 **Bachelor's Degree:**
Electronics and Communication Engineering
Degree Acquired: B.Tech. (Bachelor of Technology, Guru Gobind Singh Indraprastha University), Delhi
Final Grade: 75%

SCHOOLING

- 04.1999–03.2001 Visited Oxford Senior Secondary School, Delhi, India
Degree Acquired: CBSE 12th

PRACTICAL SEMESTER AND MASTER THESIS

- 01.2007–07.2007 **Master thesis:** *"Performance of MAC Protocol in an OFDM based Overlay System in Ad hoc mode"*
Institut für Nachrichtentechnik, University of Karlsruhe
Content:
 - Simulation of data transmission among the ad hoc nodes.
 - Analysis of network parameters to determine the performance of AHOMAC (Ad Hoc Overlay MAC).

PROJECT WORK

- 01.2006–04.2006 **Student Project:** *"Specific absorption rate (SAR) values for future mobile phone"*
Institut für Hochfrequenztechnik, University of Karlsruhe
Content:
 - Determination of SAR for MIMO systems.
 - Impact of hand position over SAR.
- 11.2006–01.2007 **Student project:** *"Design of WLAN IEEE 802.11a using OFDM (Matlab) "*
Dipartimento di Elettronica, Politecnico di Torino, Italy

WORK EXPERIENCE

- Since 09.2007 **Development Engineer**
Leica Camera AG, Solms
 - Development of software modules for system cameras for system control and image processing.
 - Collaboration with external partner.
 - **Accomplishment:** Devised an algorithm of lossless image compression for RAW image inside camera using context adaptive Huffman codes.

LANGUAGES KNOWN

Hindi	Mother tongue
English	Written and spoken
German	Conversational

TECHNICAL KNOWLEDGE

Programming	C, Object-Oriented Programming in C++, Java, MatLab, C#
Codecs	JPEG, JPEG2000, MPEG Visual, H.264
Container formats	EXIF, TIFF, WAV, DNG, MOV
Operating Systems	Windows XP/7, Linux

TECHNICAL INTERESTS

My technical interests lies in multimedia especially in field of image and video compression.

PERSONAL INTERESTS

I am very interested in European culture and use my free time trying to know it as much as possible.

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Giessen, October 18, 2011