

Florian Gasteiger

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Education

- **Tallinn University of Technology** Tallinn - Estonia
Master of Science in Cybersecurity Sept. 2014 – Jul. 2016
 - Concentration: Network Security, Cryptography
 - Master Thesis: R3AD - An Architecture to integrate UAVs in national Airspace
- **Technical University of Munich** Munich - Germany
Bachelor of Science in Electrical Engineering Oct. 2008 – Feb. 2012
 - Concentration: Communications Engineering
 - Bachelor Thesis: Trust Analysis of the HiiMap Next Generation Internet Architecture

Experience

- **ESCRYPT - Embedded Security** Berlin - Germany
Security Consultant Aug. 2016 – Present
 - Policy desing and implementation support for a X.509 Publik Key Infrastructure following RFC 5280
 - Requirements specification and concepts for a backend system following the VDA Information System Assesment and NIST 800-53
 - Consulting at the implementation of a Security Engineering Process (SEP) in regard to SAE/ISO 21434
 - Consulting at the implementation and design of a Car2X infrastructure for Cooperative Intelligent Transport Systems (C-ITS) with requirements from the European Telecommunications Standards Institute (ETSI)
 - Execution of risk analyses and security concept testing for clients in the IoT and automotive field
- **Informatio Software GmbH** Munich - Germany
Managing Director Jun. 2005 – Present
 - Managing the daily business of an IT training company
 - Managing the company's books
- **Bertrandt Ingenieurbuero GmbH** Munich - Germany
Test Engineer Jul. 2012 – Jul. 2014
 - Validation of BMW driving dynamic ECUs in vehicles and subsystem test stations (HIL)
 - Administration, modification and support for up to six development vehicles
 - Test automation with BMW ECU-Test and Python
- **Fraunhofer AISEC** Garching - Germany
Research Assistant May 2011 – Oct. 2011
 - Development and implementation of a Hardware Security Module on an ARM Cortex-M3 Microcontroler
 - Revision of a Tool that can read signal states of CPU-operations and convert the Value Change Dump Files into Binary Files
 - Development of an electronic Whiteboard with a Nintendo Wii Controler as receiver and a self made infrared pointer
- **National University of Science and Technology** Islamabad - Pakistan
Trainee Aug. 2010 – Sept. 2010
- **Basic Military Service** Erding Air Base
Assistant to the Company sergeant major Oct. 2007 – Jun. 2008

Skills

IT: C, Python, HTML, Debian Linux, Windows, CiscoIOS, Verilog, FTK Imager, Autopsy, EnCase, Open/Microsoft Office, L^AT_EX, TCP, IP, UDP, TLS, SSH, EIGRP, OSPF

Automotive: Embedded Linux, CANoe, DaVinci, AUTOSAR, ECU-Test, E-Sys, CAN, CAN FD, J1850, ISO-TP, Automotive Ethernet, SHE, HSM, ARM

Standard / Best practice: ISO 27000, NIST 800-53, German BSI Grundschutz, ITIL, A-SPICE