

Florian Gasteiger

Curriculum Vitae

Technical Experience

present
Aug. 2016

Security Consultant / Project manager, *ESCRYPT GmbH*, Berlin, Germany.

- Policy design and implementation support for a X.509 Public Key Infrastructure following RFC 3647.
- Requirements specification and concepts for a backend system following the VDA Information System Assessment and NIST 800-53.
- Risk assessments and security concept designs for clients in the automotive and Enterprise IT field
- 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).
- Consulting in the area of Security Management with a focus on SAE/ISO 21434
- Design of a "Vehicle Key Management Systems" and supporting the implementation from system development through to production.

Jul.2014
Jul. 2012

Test Engineer, *Bertrandt Ingenieurbuero GmbH*, Munich, Germany.

- Safety 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

Oct.2011
May 2011

Research Assistant, *Embedded Security and Trusted OS*, Fraunhofer Research Institution for Applied and Integrated Security (AISEC), Garching near Munich, Germany.

- Development and implementation of a Hardware Security Module on an ARM Cortex-M3 Microcontroller
- 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 Controller as receiver and a self made infrared pointer

Sept. 2010
Aug. 2010

Trainee, *School of Electrical Engineering and Computer Science*, National University of Science and Technology, Islamabad, Pakistan.

- Coding in Verilog on a Xilinx Spartan-6 FPGA

Administrative Experience

present
Jun. 2005

Managing Director, *Informatio Software GmbH*.

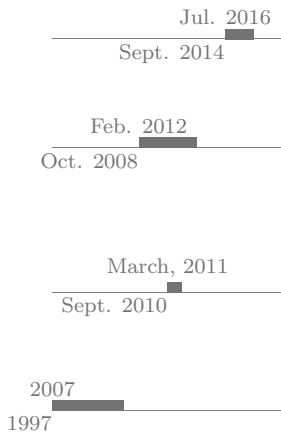
- Managing the daily business of an IT training company
- Managing the company's books

Jun. 2008
Oct. 2007

Basic Military Service, Erding Air Base.

- Assistant of the Company sergeant major
- Managing personal files (vacation requests, promotions, etc)
- Creation of timetables

Education



Master of Science, Cybersecurity, Tallinn University of Technology, Estonia.

Core Area: Network Security, Cryptography

Master Thesis: *R³AD* - An Architecture to integrate UAVs in national Airspace

Bachelor of Science, Electrical Engineering and Information Technology,

Technical University of Munich, Germany.

Core Area: Communications Engineering

Bachelor Thesis: Trust Analysis of the HiiMap Next Generation Internet Architecture

Semester Abroad, Electronics/Photonics,

University of Barcelona, Spain.

Allgemeine Hochschulreife (A levels), *Hallertau Gymnasium Wolnzach*,
Wolnzach, Germany.

Main Subjects: Mathematics and Economy/Law

Trainings & Certifications

- Certified Information System Security Professional (ISC2)
Date of Certification: Feb. 2020; Licence-Nr: 721029
- ITILv3 Foundation (AXELOS)
Date of Certification: Sept. 2018; Licence-Nr: GR750463981FG
- Project Management Fundamentals (Bosch)
Date of Certification: May 2018
- ISO/IEC 27001 Provisional Auditor (PECB)
Date of Certification: Jan. 2018; Licence-Nr: ISPA1025346-2018-01
- Locked Shields 2016 (White Team Member)
NATO CCDCOE real-time network defence exercise
- Crossed Swords 2016 (Blue Team Member)
NATO CCDCOE cyber defence exercise
- Cisco CCNA, CCNASEC Training
- BMW driver trainings: B1, B2, W1, E1, C1, BMW Blitz 3

Language Skills

German	Native Speaker
English	Fluent (C2)
Spanish	Beginner (A2)

IT Knowledge

Coding / Tools	Verilog, C, Python, HTML, Debian Linux, Microsoft Windows, CiscoIOS, FTK Imager, Autopsy, EnCase, Open/Microsoft Office, \LaTeX
Protocols	TCP, IP, UDP, TLS, SSH, EIGRP, OSPF, Automotive Ethernet, CAN, CAN FD, J1850, ISO-TP
Automotive	Embedded Linux, CANoe, DaVinci, AUTOSAR, ECU-Test, E-Sys
Hardware	SHE, HSM, ARM-Mikrocontroller, ARM-Trustzone
Standards	ISO 27000, NIST 800-53, BSI IT Grundschutz, ITIL, A-SPICE, ISO 21434