R E S U M E

PERSONAL INFORMATION

Name:	Henk Birkholz
Nationality:	German
Date of Birth:	17 June 1978

EDUCATION

1999 – 2006	Universität Bremen Degree: *Dipl.-Inf. Diploma in Computing Science* Title: *Entwicklung eines dynamisch konfigurierbaren Traffic-Shaping-Systems für TCP-Verbindungen zur Steuerung der Netzauslastung von Zugangsnetzen durch mobile Nutzer*

WORK EXPERIENCE

2019 – present	Data Science Manager at Leibniz Institute for Material Engineering (IWT), Bremen, Germany Responsibilities: Architecture-Team Lead / Standards-Manager, bi-lateral requirement management between German research institutes, one face to the customer to the German SDO DIN
2012 – present	Standards Expert at Fraunhofer Institute for Secure Information Technology (SIT), Department Cyber Physical System Security (CSS), Darmstadt, Germany Responsibilities: Standards Pre-Researcher / Global Representative for Fraunhofer SIT in SDO, Identification of new or emerging fields of application, knowledge transfer from standards and research to market / management of industry engagement in standards activities
2014 – 2019	Network Security Architect at Universität Bremen, Germany Responsibilities: Engineer-Team Lead, Requirements Management for federated organization units, interface to Privacy-Department, strategy design for Data-Center and confidential research in the security domain
2009 – 2014	Researcher at Universität Bremen, TZI (System Quality and Information Security) Responsibilities: Project- or Team-Lead in Industry- and Research Projects, security audits, one face to the customer for industry related projects, security awareness for government teams and enterprises, researcher for ML- and AI-solutions for security event processing and risk assessment

2006 – 2009	Researcher at Universität Bremen, TZI (Computer Networks Work Group) Responsibilities: Researcher in the field of usable security, security awareness, and risk assessment / audits in QoS, QoE and security compliance in industry projects
2002 – 2006	WiFi Design and Support Team at Universität Bremen Responsibilities: Assistant Manager for customer relationships, deployment planning and supervision for WiFi Infrastructure and customer support
2000 – 2002	Network Service Administrator, Internet Services Bremen (ISB) Responsibilities: Domain Name Service maintainer / service development, assistance in service design and service provision
1998 – 1999	System Administrator, Jora Elektro / JTV Tonträger Vertrieb
1997 – 1998	Civil Service at Arbeiterwohlfahrt Bremen, Mobile Sozial Support (MSHD)

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