

# Dr.-Ing. Kristian Beckers

Social Engineering Academy (SEA) GmbH | 📍 Eschersheimer Landstr. 42 | 60322 Frankfurt am Main | Germany  
☎ +49 162 - 698 22 34 | ✉ kristian.beckers@social-engineering.academy | 🌐 Kristian Beckers

## Arbeitserfahrung

seit 01/2017 **SOCIAL ENGINEERING ACADEMY (SEA) GMBH** *München*

Gründer und Managing Director

- Security Awareness Trainings für Social Engineering
- Social Engineering Threat Intelligence and Analysis
- Design und Implementierung von Serious Games

seit 11/2016 **CORPORATE TECHNOLOGY (CT), SIEMENS AG** *München*

Security Consultant

- Forschung zu Secure Agile Software Engineering
- Business Consultant für Security Lifecycle Topics
- Kommunikation von Forschungsergebnissen und Beratungserfolgen

04/2015 – 10/2016 **TECHNISCHE UNIVERSITÄT MÜNCHEN (TUM)** *München*

Senior Forscher und Lehrbeauftragter

- Vorlesungen halten zum Thema Secure Software Engineering
- Übungen organisieren für die Software Engineering Vorlesung (> 1000 Studenten)
- Forschung zu den Themen Social Engineering, Bedrohungsanalyse, Security Compliance

03/2011 – 02/2015 **PALUNO - THE RUHR INSTITUTE OF SOFTWARE TECHNOLOGY, UNIVERSITÄT DUISBURG-ESSEN** *Duisburg*

Forscher und Lehrkraft

- Forschung zu Security Requirements Engineering und Security Compliance
- Vorlesungen halten zum Thema Secure Software Engineering
- Übungen organisieren für die Datenstrukturen und Algorithmen Vorlesung

11/2009 – 02/2011 **FRAUNHOFER-INSTITUT FOR SOFTWARE AND SYSTEMS ENGINEERING (ISST)** *Dortmund*

Forscher und Consultant

- Forschung zu Secure Business Processes
- Information Security Management für Cloud Computing Systeme

08/2008 – 09/2009 **NEC EUROPE LTD., NETWORK RESEARCH DIVISION** *Heidelberg*

Software Engineer

- Design und Implementierung von Fuzzing Tools
- Design und Implementierung von P2P-Systemen

# Studium

03/2011 – **UNIVERSITÄT DUISBURG-ESSEN** *Duisburg*  
05/2014

Doktor-Ingenieur in Secure Software Engineering

- Titel: Pattern- and Security-Requirements-Engineering-based Establishment of Security Standards
- Note: 0.0 (Summa cum Laude)

10/2002 – **UNIVERSITÄT HAMBURG** *Hamburg*  
04/2009


Diplom in Wirtschaftsinformatik

- Titel der Abschlussarbeit: Automated Vulnerability Analysis of SIP-Implementations and SIP-specific Signature Generation for Knowledge-based Intrusion Detection Systems
- Vertiefungen: Security in verteilten Systemen, Informationssysteme in Organisationen, Arbeits- und Organisationspsychologie, Mediakultur, Logistik

# Professionelle Trainings und Zertifizierungen

- 2019 **CERTIFIED INFORMATION SYSTEM AUDITOR (CISA) TRAINING** *München, Germany*  
Certified CISA
- 2019 **SANS DEV540 SECURE DEVOPS AND CLOUD APPLICATION SECURITY TRAINING** *Las Vegas, USA*
- 2018 **CERTIFIED INFORMATION SYSTEMS SECURITY PROFESSIONAL (CISSP) TRAINING** *München, Germany*  
Certified CISSP
- 2018 **CERTIFIED INFORMATION SECURITY MANAGER (CISM) TRAINING** *München*  
Certified CISM
- 2018 **SCALED AGILE FRAMEWORK: LEADING SAFE TRAINING** *München*  
Certified Agilist
- 2018 **CLOUD SECURITY BASED ON ISO 27017 AND ISO 27018 TRAINING** *Nürnberg*
- 2017 **ISO 27001 LEAD AUDITOR TRAINING** *Nürnberg*  
Certified ISO 27001 Lead Auditor
- 2017 **KOMMUNIKATION TRAINING FÜR ENGINEERING PROJEKTE** *München*
- 2017 **ENERGY SUBSTATION SECURITY TRAINING** *Nürnberg*
- 2017 **GETTING THINGS DONE TRAINING** *Frankfurt*

# Auszeichnung und Patent

- 2016      Dritter Platz belegt beim *Deutschen IT-Sicherheitspreis* in Darmstadt (45 Einreichungen). 
- Titel: Social Sec - A Serious Game for Social Engineering
- 2008      Patentantrag mit NEC Europe Ltd.
- Thema: Innovative Black Box Fuzzing
  - Nr. 08 021 967.8
  - Erfinder: Kristian Beckers, Saverio Niccolini, Jan Seedorf, Felipe Huici

# Wissenschaftliche Veröffentlichungen

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- [2] Kipker, D.K., Pape, S., Beckers, K.: Juristische bewertung eines social-engineering-abwehr trainings. In: ITS|Kritis Rahmenwerk. (2018) to appear.
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- [15] Beckers, K., Pape, S.: A serious game for eliciting social engineering security requirements. In: Proceedings of the 24th IEEE International Conference on Requirements Engineering. RE '16, IEEE Computer Society (2016)
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Reliability and Security (ARES) - 1st International Workshop on Security Ontologies and Taxonomies(SecOnT), IEEE Computer Society (2012) 499–506

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