IT Security

Application Security & SDLC

by Bjoern Kimminich

Bjoern Kimminich

- Nordakademie Graduate (I99a)

- IT Architect / AppSec Officer at Kuehne + Nagel

- Lecturer at Nordakademie since 2009

- Volunteer in the Open Web Application Security Project

- Board Member of the German OWASP Chapter

- Project Lead of the OWASP Juice Shop

Contact Information

- bjoern.kimminich@nordakademie.de ([062A 85A8 CBFB DCDA](#))

- https://keybase.io/bkimminich

- https://twitter.com/bkimminich

- skype:bkimminich?chat

Curriculum (1/2)

- Enterprise Security Organizations

- Open Web Application Security Project (OWASP)

- Common Attacks (Injection, XSS, CSRF, XXE, Deserialization)

- Authentication & Authorization Flaws

- Software Dependency Management

- Sensitive Data

Curriculum (2/2)

- Security Logging & Monitoring

- Secure Development Lifecycle

- Threat Modelling

- Web Application Firewalls

- Security Automation & AppSec Pipeline

Organizational

- Tuesdays 9:15 - 11:45

- 9 lectures (31.07. - 29.09.18)

- Test exam (includes 1st semester topics)

System Requirements

- [Node.js](#) (8.x or 9.x)
  or

- [Docker](#)
  or

- [Vagrant](#)

Recommended Literature

- Kimminich: [Pwning OWASP Juice Shop](#), 2018

- OWASP: [OWASP Top 10 - 2017](#), 2017

- OWASP: [OWASP Cheat Sheet Series](#), 2018

- Stuttard, Pinto: The Web Application Hacker's Handbook 2, 2011