

Paul Hartung

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Professional Experience

since 05/2024

Security Engineer - Cloud Services (Working Student)

GBTEC Group (Bochum, Germany)

- Operation and maintenance of the Information Security Management System (ISMS) in line with current standards
- Security-focused adjustments to internal AI chatbot
- Planning and execution of ISO 27001 audits
- Coordination and evaluation of penetration tests
- Risk analysis and collaboration with internal cross-functional teams

05/2023 - 04/2024

IT Security Manager (Working Student)

MeisterWerke Schulte GmbH (Rüthen, Germany)

- Support in developing OT security policies and concepts (e.g., Purdue model)
- Implementation of an IT emergency response plan in coordination with external CISO
- Configuration of industrial firewalls with security compliance
- Risk assessments and compliance monitoring

11/2021 - 08/2022

Software developer (Working Student)

HSHL University of Applied Sciences (Hamm, Germany)

- Research project led by Prof. Dr.-Ing. Alexander Stuckenholtz with an interdisciplinary team
- Development of a gamification platform (C#, Xamarin, Angular)
- Cross-platform mobile development (iOS/Android), API integration
- User-centered testing and iterative feature optimization

08/2017 - 09/2020

IT-Administrator

Hämmerling Group Logistic GmbH (Paderborn, Germany)

- Setup and management of Windows/Linux systems and network infrastructure
- Active Directory administration, server operations, and firewall management
- Planning and execution of VoIP migration across two sites
- 1st & 2nd level user support, system monitoring, and security hardening

Education *(Grades in German grading system)*

04/2024 - 01/2026	Master of Science in Computer Science Bochum University of Applied Sciences (Bochum, Germany) - Thesis: "Modernization and Parallelization of a Legacy Ray Tracer (C / C++)" Expected final grade 1,6
10/2020 - 10/2023	Bachelor of Engineering in Intelligent Systems Design HSHL University of Applied Sciences (Hamm, Germany) - Thesis: "Machine learning for defence against phishing attacks: An evaluation study and performance comparison" Final grade 1,3
08/2017 - 07/2020	Vocational Training: IT Specialist for System Integration Richard-von-Weizsäcker-Berufskolleg (Paderborn, Germany) - Thesis: "Implementation of a Cloud-Based Telephone System for a 300-User Company" Final grade 1,6
08/2009 – 07/2017	(Abitur) German Higher Education Entrance Qualification Gymnasium Antonianum (Geseke, Germany) Majors: Computer Science, English

International Experience

08/2022 - 01/2023	Study Abroad Semester in Computer Science San Francisco State University (San Francisco, USA) - Independent semester abroad as a "free mover" - Courses: Machine Learning for Data Scientists, Technologies in Data Analytics, Computer Programming, Computer Networks GPA: 4.0 (US grading system)
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Skills

Languages:	German – Native English – Fluent (business proficient)
Certifications & Further Training:	
12/2021	Cambridge Certificate in Advanced English C1 (Score 196)
01/2020	Cisco Certified Network Associate (CCNA) (Passed official certification exam)