

# Thorger S. Jansen

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## RECENT WORK

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A full CV with more details is available at: <https://thorgerjansen.de>.

### SEC Consult Group

Oct. 2023 – Present

*Associate Security Consultant*

Bochum, DE

- Security audits, continuous testing, and code reviews for government agencies, international organizations, leading private-sector companies, and critical infrastructure.
- Conducted various research projects (e.g., vulnerabilities in bossware), leading to multiple CVEs and coordinated responsible disclosure processes with vendors.
- Direct client communication, reporting, quality assurance, and continuous improvement of delivery quality.

### Entrepreneurs First

Jun 2025 – Oct 2025

*Resident / Founder*

San Francisco, US

- Founded a company in the U.S. market that used ML to assist elderly individuals and care facilities, predicting well-being outcomes, including Alzheimer's detection up to 10 years in advance.

### Chair of Computing in Engineering, Ruhr University Bochum

Sep 2020 – Sep 2023

*Student Assistant*

Bochum, DE

- Worked on various programming and research projects with well-known industry partners such as Hochtief, including developing augmented reality applications for HoloLens and machine learning algorithms for the Boston Dynamics Spot.
- Supported teaching the Web Engineering course, including planning and creating course content.
- Published a paper at the Forum Bauinformatik 2023.

## EDUCATION

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### Ruhr University Bochum

2018 – 2026

*Bachelor of Science (B. Sc.) IT Security / Information Engineering*

Bochum, DE

Achieved the highest grade (99/100) in Blockchain Security and received a scholarship; attended lectures in cryptography, electrical engineering, systems, computer science, mathematics, network security, and related fields.

### Gymnasium Eickel

2010 – 2018

*Abitur Ø1.7 (Scale 1-6, lower is better.)*

Herne, DE

## PUBLICATIONS

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### Improving LLMs front-running detection capabilities (2.0)

2025

*Bachelor's Thesis*

10.13140/RG.2.2.31236.59520

### An overview of outdoor and indoor navigation in regard to the use of existing standards

2023

*Conference Paper 34. Forum Bauinformatik*

10.13154/294-10121

## MISC

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**Certifications** Multiple certifications including OSHA, CBBH, AZ-900, and others.

**CVEs** Identified 19 CVEs across various software systems, including FlexNow, an electronic examination management system widely used by German universities.

**Honors and Awards** Multiple honors and awards, including recognition in the Bundeswehr Hall of Fame, the VDPBw Coin, Rotary Youth Leadership Awards, and other IT security-related distinctions.

**Voluntary Work** Engaged in voluntary work focused on accessibility and politics, including serving as Department Head of the Autonomous Department for People with Disabilities and All Impairments at AStA Ruhr University Bochum.

**Entrepreneur** Experience founding companies, including a startup in Silicon Valley.