

Jan Keuchel

Mail: jan@keuchel.dev **Website:** keuchel.dev **GitHub:** github.com/jan-keuchel

WORK EXPERIENCE

Internship in Penetration Testing

01.04.2026 – present

Possehl Secure, Cologne

- Conducting internal and external pentests mainly focused on Active Directory.
- Participation in a Purple Team Assessment and creation of a lab environment with Ludus.

Tutor – Theoretical Computer Science II

01.10.2024 – 31.01.2026

Karlsruhe University of Applied Sciences

- Conducting weekly tutorials, creating exercise sheets, and grading mock exams for over 40 students.

Internship in IT Administration

01.08.2023 – 31.08.2023

NEC Laboratories Europe, Heidelberg

- Developed a system to display information from a network share.
- Assisted with server installation and was introduced to Linux systems and Raspberry Pi devices.

PROJECTS

Personal Website

[\[Project Link\]](#)

Personal website, containing blog posts, lecture notes and projects.

Generic and dynamic data structures in C (*Ongoing*)

[\[Project Link\]](#)

Library of frequently used data structures such as Dynamic Lists or Balanced Binary Search Trees.

Raspberry Pi as Network Server

Setup of a Raspberry Pi as a NAS and configuration of Pi-hole for network-wide ad blocking.

EDUCATION

01.09.2023 – present

Bachelor's in Computer Science

Karlsruhe University of Applied Sciences

Completed foundation studies among the top three students

Recipient of the Deutschlandstipendium (German Scholarship)

Expected graduation in June 2027

14.09.2021 – 06.06.2023

General University Entrance Qualification

Carl-Bosch-Schule Heidelberg

SKILLS

- **Programming Languages:** Go, C, Python, Bash
- **Tools & Systems:** Linux, Git, L^AT_EX, vim
- **Cyber Security:** *TryHackMe* Top 3% [\[Profile Link\]](#)
- **Languages:** English (fluent), German (native)

INTERESTS

- bouldering, snowboarding, nutrition, music