

# Adam Nashwan

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## WORK EXPERIENCE

### SMR Automotive

Stuttgart-Wangen

Working Student System Testing

Okt 2025 - Present

- Assisting in system testing of automotive side mirror systems, including setup and configuration of test environments
- Supporting the development and integration of automated test scripts to improve testing efficiency (hw in the loop)
- Collaborating with engineers to execute and document functional and integration tests for mirror electronics and software
- Learning and applying testing tools and scripting to validate side mirror system functionality

## EDUCATION

### Esslingen University of Applied Sciences

Esslingen

Bachelor of Engineering in Cyber Security, GPA: 1.5(A)

Sep 2024 - Present

- Active member of the hacking club and AI club, collaborating in teams to solve various Capture the Flag challenges
- Related Coursework : Object Oriented Programming in C++, Computer Networking, Operating Systems, Docker, Cryptography, Web Applications, Offensive Security

### German Embassy School Beijing,

Beijing - China

- Attended secondary school abroad

2017 - 2019

## PROJECTS

### Hackathon at Vector Informatik

May 2025

- Developed a game algorithm in C/C++ for the Tron game, optimizing real-time decision-making and AI strategies. Competed against 10 teams and secured 4th place. Demonstrating effective teamwork and problem-solving under time constraints

[certification-link](#)

### Hackathon at Liebherr Group

Nov 2024

- Qualified for the finals in a competitive CTF (Capture the Flag) event, ranking in the top 10 teams out of participants from multiple universities. Solved various web-based challenges by Hack the Box, demonstrating strong problem-solving skills and team-work

[certification-link](#)

## AWARDS/CERTIFICATIONS

### Avicenna Scholarship (Germany)

Sept 2025

- awarded by the Avicenna Foundation for Highly Gifted and Engaged Students [certification-link](#)

### Deutschlandstipendium (Germany Scholarship)

Okt 2025

- awarded by the Federal Ministry of Education and Research, declined upon receiving the Avicenna Scholarship (Vector Informatik)

## SKILLS

Penetration testing, Vulnerability Scanning, Linux, Git GitHub/Gitea, Bash/Shell/Python Scripting, C/C++, GDB/GEF debugger, Wireshark, Docker/Docker-Compose, HTB Academy

## LANGUAGES

German (native), English (fluent), Arabic (native)