



# Osama Al-Wardi

B.Sc. COMPUTER SCIENCE, M.Sc. CYBER SECURITY

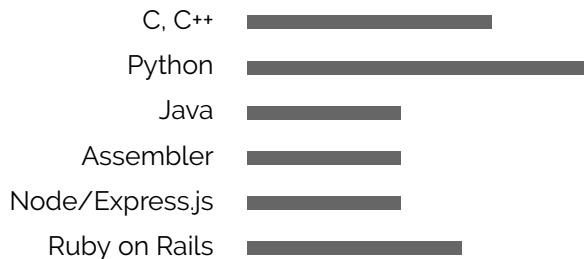
Berlin, Germany

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## Education

- 2020–2022 **TU Brandenburg**  
BRANDENBURG · Germany 📍  
Pursuing a Master of Science in Cyber Security at BTU.
- 2017–2020 **Jacobs University Bremen**  
BREMEN · Germany 📍  
I successfully completed a Bachelor of Science in Computer Science.
- 2014–2017 **International School of Bremen**  
BREMEN · Germany 📍  
I successfully completed my high school degree at an international school and achieved an International Baccalaureate (IB)

## Programming



## Security Tools

My Top 10 Favorite Security Tools:

- |                   |                                 |
|-------------------|---------------------------------|
| <b>Nmap</b>       | <b>Nessus</b>                   |
| <b>Wireshark</b>  | <b>Hydra</b>                    |
| <b>MetaSploit</b> | <b>Nikto</b>                    |
| <b>BurpSuite</b>  | <b>OWASP ZAP</b>                |
| <b>IDA</b>        | <b>American Fuzzy Lop (AFL)</b> |

## Languages

<b>Arabic</b>	C2	Native Tongue
<b>English</b>	C2	Native Fluency
<b>German</b>	C1	Professional Proficiency

## Experience

- 2020–2022 **Penetration Tester (Part Time)**  
PHILOTECH · Brandenburg 📍  
I conducted penetration tests, code audits and red teaming activities for products in the automotive sector. Philotech had projects in particular with Audi and BMW where I was closely involved.
- 2019–2019 **Intern Software Engineer**  
FARO EUROPE · Stuttgart 📍  
I developed software in the fields of 3D measurement, imaging and realization. I used Python and Robot Operating Systems to implement different heuristic and classification tasks. I also handled special hardware and tested software for security vulnerabilities.
- 2019–Current **Scientific Assistant (HiWi)**  
UNIVERSITY · Germany 📍  
Throughout my studies, I have always assisted my professors in teaching courses and managing labs. I assisted in courses like "Ethical Hacking Labs", "Advanced Programming in Python" and "Computer Networks".
- 2019–2019 **Research Assistant**  
UNIVERSITÄT BREMEN · Germany 📍  
I joined the digital media labs research group at Universität Bremen. I assisted PhD students in their research on the Security of Bluetooth Low Energy protocol. I developed a scanning tool in the spirit of Nmap to scan for Bluetooth devices
- 2018–2018 **Intern Web Developer**  
UNIVERSITÄT BREMEN · Germany 📍  
I implemented a web application to classify Smart-Home Systems according to their security properties. The web application would then produce recommendations and best practise guidelines on the design, implementation and testing of the Smart-Home System.