



# Osama Al-Wardi

COMPUTER SCIENCE STUDENT · TEACHING ASSISTANT

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“Be the superhero of your own movie!”

## Education

### Jacobs University Bremen

B.Sc. IN COMPUTER SCIENCE

- Merit Based Scholarship

Bremen, Germany

Aug. 2017 - May. 2020

### International School of Bremen (ISB)

INTERNATIONAL BACCALAUREATE (IB)

- Merit Based Scholarship

Bremen, Germany

Aug. 2015 - May. 2017

## Skills

**Programming** C/C++, Python, Assembler, MIPS, Java, Haskell, LaTeX

**Penetration Testing** MetaSploit, BurpSuite, Nmap, Wireshark, IDA, gdb

**Web** Ruby on Rails, Flask, HTML, CSS

**Languages** Arabic, English, German

## Experience

### Intern Web developer

UNIVERSITÄT BREMEN

Bremen, Germany

June. 2018 - Aug. 2018

- I implemented a website to identify vulnerabilities in Smart-Home Systems.
- The website would then give recommendations and best practise guidelines on design and testing.
- I designed a database that contains the details of the vulnerabilities and created ER diagrams.
- I learned crucial aspects of defensive programming.
- I worked alongside of Penetration Testers and Security Experts.
- I learned how to use Ruby on Rails.

### Teaching Assistant

JACOBS UNIVERSITY BREMEN

Bremen, Germany

Jan. 2019 - PRESENT

- I assist my professors in teaching a course called Advanced Programming in Python.
- I assist students through tutorials and meetings.
- I aid professors through evaluating assignments and exams.

## Extracurricular Activity

### CTFs

HACKTHEBOX.EU AND VULNHUB.COM

Bremen, Germany

Dec. 2018 - PRESENT

- Gained practical experience in penetration testing and reversing.
- Completed challenges in boot2root, pwn and reverse engineering categories.
- Learned how to use IDA-pro, SQLmap, BurpSuite and msfvenom.

### Competitive Programming

HACKERRANK

Bremen, Germany

Nov. 2017 - PRESENT

- Achieved a Golden Medal in C++ and Algorithms and Data Structures.
- Gained knowledge in Algorithms and Data Structures and Security.
- Participated in online competitive programming challenges.
- Participated in JacobsHack and the ACM-ICPC competition.

### Refugee Camp Support

INTERNATIONAL SCHOOL OF BREMEN

Bremen, Germany

Aug. 2015 - Oct. 2016

- I was the leader of a group that went to a refugee camp in Otto-Hahn-Allee, Bremen.
- I worked as a translator.
- I helped teaching German.
- I did some cleaning and baby sitting.