Osama Zaid Saleem Al-Wardi

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Nationality: Iraqi
Date of Birth: 29/11/1998

Education

08/2017 to date	**Jacobs University Bremen, Bremen, Germany** Bachelor's degree of Computer Science (B.Sc.).
08/2015 – 05/2017	**International School of Bremen (ISB), Bremen, Germany** International Baccalaureate Diploma (IB).
06/2014 – 05/2015	**International School of Bremen (ISB), Bremen, Germany** International General Certificate of Secondary Education (IGCSE).

Practical Experience

01/2019 to date	**Teaching Assistant** I work as a TA at Jacobs University for Advanced Programming in Python. I assist students through tutorials and aid professors through evaluating assignments and exams.
06/2018 – 09/2018	**Intern Web Developer** I was an intern in a research group interested in smart home security at Universität Bremen. I implemented a website for the security classification of smart home systems.
06/2016 – 06/2016	**Karl-Benz School of Engineering Summer School** I attended a workshop in KIT where I learned the basic principles of robotics, control systems, mechanical engineering and computer programming.
03/2015 – 01/2017	**International School of Bremen Tech Hub** I was a leading member of the tech support club in my high school where I helped restore, format and defragment the schools computers.

Research and Project Experience

11/2018 – 11/2018	**Project Tags** A website that takes a video as input and outputs the scene changes with description to every scene. I implemented the python backbone of the algorithm which discretises the video into frames and uses the google cloud vision API to detect objects in the scene.

Extracurricular Activities

01/2019 to date	**CTFs** I enjoy playing CTFs on hackthebox.eu and vulnhub.com. I post my walkthroughs on github. https://github.com/OsamaAl-Wardi/CTF_Walkthroughts
11/2017 to date	**Competitive Programming** I am an active participant on Hackerank. I also participated in the ACM-ICPC competition on the scale of my university.
08/2015 – 10/2016	**Refugee Camp Support** I was a member of a group that went to a refugee camp in Otto-Hahn-Allee, Bremen. I worked as a translator and helped teaching German, cleaning and baby sitting.

Skills and Achievements

Languages:	**Arabic:** mother tongue **German:** fluent **English:** fluent
PC Knowledge:	(Pen-Testing) Kali Linux, BurpSuite, MetaSploit, Nmap and Wireshark. (General Purpose) LaTeX, Git, Emacs, Bash, Windows Power Shell. (Operating Systems) Debian based e.g. Ubuntu and Kali.
Programming:	C, C++ and Python (Proficient). Java, Ruby on Rails, MIPS Assembler, Haskell, Arduino IDE and Matlab (Familiar).
Workshops / Conferences:	Chaos Communication Congress 2018 (35C3).
Interests:	Ethical Hacking including topics like (Information Security, Penetration Testing, Exploitation, Digital Forensics and CTFs). Also interested in Machine Learning, IoT, Web Development and Game Development.