Curriculum vitae

PERSONAL INFORMATION

Osamah Al-Ghammari

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Skype Osamah Al-Ghammari

WORK EXPERIENCE

Mar 2017–Present

Researcher and Development Engineer

Johannes Kepler University, Linz (Austria)

<u>Durchblick project</u>:
- Cryptography.
- Networking and Network Security.
- Smartcards Encryption/Authentication.
- Cyber-security.
- Forensic Servers.
- Bash, JavaScript and PHP Programming, Linux Ubuntu OS.

Sep 2016–Feb 2017

Teaching assistant

University of Applied Science Upper Austria, Hagenberg (Austria)

- Guiding Bachelor Degree students in their programming projects.

Aug 2016–Oct 2016

Software Developer Intern

SAB Ingenieurgesellschaft mbh, Hamburg (Germany)

-Developing custom specific Software with C# Language

-Creating predictive analytic Machine Learning models with Microsoft Azure.

-Data manipulation with R language (Data Science)

Jun 2016–Aug 2016

Cyber Security Intern

Normshield Inc., Istanbul (Turkey)

-Passive threat intelligence
-Python web scraping

Mar 2016–Aug 2016

Network Security Engineer intern

Albaraka Turk Bank, Istanbul (Turkey)

-Kali Linux attacks
-Cryptography
-Network security
-Passive threat intelligence

Jun 2010–Sep 2011

IT trainee and specialist

AMIDEAST, Sana'a (Yemen)

-IT trouble-shooting and computer problems
-Fixing network problems(Controlling Active directory from users to group policy, printers, wireless AP,

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IP Cameras, ADSL)

-Helping in solving computer issues, formatting and installing programs in computers

-Fixing IBT exam problems

-Repairing and fixing computer hardware and software problems (corrupted parts, system failures, and formatting)

EDUCATION AND TRAINING

Sep 2016–Present	**Master Degree in Energy Informatics**
	FH Oberösterreich, Hagenberg (Austria)

Sep 2012–Jun 2016	**Bachelor in Computer engineering and Science**
	Istanbul Sehir University, Istanbul (Turkey)

PERSONAL SKILLS

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Turkish	B2	B2	B2	B2	B2
German	B1	B1	B1	B1	B1
Arabic	C2	C2	C2	C2	C2
English	C2	C2	C2	C2	C2
	TOEFL iBT				

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Job-related skills

Skill	scale	Notes
Java	2	Used mostly in my master studies
C	2	During my bachelor degree 2015
C#	2	Used for my bachelor degree thesis
C++	0	
Python	4	During bachelor and masters
R	2	During my masters
PHP	2	Used during my job in JKU
Know how to use a Java-IDE (Eclipse, IntelliJ IDEA etc.)	4	During my bachelor and masters
GIT/SVN	4	During my whole studies
Unit Testing/JUnit	2	During my masters degree with Java
HTML/ CSS	3	Used during my job in JKU and during my bachelor
JS/JQuery	1	Had them shortly in my bachelor and masters
Docker	2	Used during my job in JKU
Linux System Administration (Linux services, firewall, networking, shell scripting, …)	4	Worked with it during my job in JKU + during my trainee at AMIDEAST

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Penetration tests using Kali	3	During my Internships + during my masters
JavaScript	3	Used during my job in JKU and during my bachelor

0 ... never worked with it
1 ... just used it a few times
2 ... a few private projects or helped others when they had trouble using it
3 ... a few professional projects or set it up for a team, defined rules how to use it (min. 2 years professional experience)
4 ... multiple professional projects or set it up for various teams in various contexts (min. 4 years professional experience)
5 ... all of (4) AND developed extensions, contributed to the code, gave talks

Communication skills

- Excellent intra/interpersonal communication skills which allowed me to develop meaningful relationships with customers and colleagues alike.

Organisational / managerial skills

High leadership skills gained through leading different kinds of groups and clubs, Engineering projects club, leadership club, and management club.

ADDITIONAL INFORMATION

Honours and awards

- **Erasmus+ internship grant (Hamburg, Germany)**
- **Full Scholarship undergraduate program in computer Engineering (Istanbul, Turkey)**
- **English Access Micro-scholarship program grant. (AMIDEAST, Yemen)**

Projects

- Powerline Anomaly Detection
- Durchblick project. (IT-Security and Networks)
- Machine Learning project 2017
- A movie recommendation system in python using Netflix, Yahoo and IDMB dataset
- More projects are listed on my personal online Resume on LinkedIn

Courses

- University of Applied Sciences Upper Austria:
  - Systems Engineering (ENI 404)
  - Communication technology (ENI 501)
  - Advance Java (ENI 515)
  - Smart Grid Field Components (ENI502)
  - IT Security (ENI503)
  - Electromobility (ENI510)
  - Software Systems (ENI504)
  - Home and Building Automation (MC509)
  - Automotive Computing (MC502)
  - Machine Learning (MC520)
  - Cloud Computing / Big Data (ENI507)
  - Software Systems 2: SCADA (ENI508)
- Istanbul Sehir University:
  - Machine Intelligence (CS 362)
  - Advanced Algorithms (CS 372)
  - Operating System (CS 352)
  - Data Structure and Algorithms (CS 371)

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- Software (CS 361)
- Computer Architecture (CS 351)
- Python Programming Language (ENGR 211, 212)
- C programming language (CS 352)
- UNIX operating System (EECS 214)
- Systems Fundamentals (EECS 202)
- Signals and |Systems (EECS 216)
- Network Analysis (EECS 201)
- Machine Learning (EECS 461)
- Computer Networks (EECS 475)
- Multimedia Systems (EECS 429)
- Data Visualization (EECS 428)
- Agile Methods (ECE 588)
- Independent Coursework:
    - Java Programming language
    - Wi-Fi Wireless security

Honours and awards

- Erasmus+ internship grant (Hamburg, Germany)
- Full Scholarship undergraduate program in computer Engineering (Istanbul, Turkey)
- English Access Micro-scholarship program grant. (Sana'a, Yemen)
- Certificate of Achievements and honour from AMIDEAST as an IT Specialist.
- TOEFL iBT and PBT Proctor Certificate from AMIDEAST.
- IT traineeship completion certificate from AMIDEAST.

Conferences

- Hamburg.Solution 2016, IT conference held in Hamburg city, Germany.
- Representing Istanbul Sehir University at "Arab and Turkish Universities Conference" in Istanbul.
- International students' conference in Istanbul.

References

- Prof. Michael Sonntag (Professor at Johannes Kepler University) michael.sonntag@ins.jku.at
- Stefan Scharr (Sab Ingenieurgesellschaft mbh) scharr@sab-team.com
- Candan Bolukbas (Normshield Inc) candan.bolukbas@normshield.com
- Ali Bay (Network and Security Engineer at Albaraka Turk Banks) Abay@albarakaturk.com
- Hilal Yuksel (International Relation Office at Istanbul Sehir University). hilalyuksel@sehir.edu.tr

- Emad Al-sakaf (Former American NGO AMIDEAST IT pro). e_adel@live.com
- Yasmin Al-Hiemy (Former American NGO AMIDEAST Coordinator). ElCoord-sanaa@amideast.org (Recommendation Letter available)