

ABDALLAH IBRAHIM

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EXPERIENCE

WORK EXPERIENCE

PhD Researcher

University of Luxembourg, SnT, Luxembourg

November 2015 - February 2020

- Implementing a distributed-based agent framework called PRESEnCE for evaluating in a fair and stealth way the QoS and SLA compliance for the services deployed on such infrastructures under the SaaS cloud computing model.

Network Engineer

IPGlobal, Luxembourg

August 2017 - Present

- Trouble shooting network problems and solving them.
- Installing and maintaining network infrastructure for companies and banks.
- Collaborating with vendors to resolve problems and update equipment

Visiting researcher

Poznan Super-computing and Networking Center, Poland

March 2016 - May 2016

- Building a Virtual desktop infrastructure (VDI) environment with VMWare and PSNC .
- Working on the SLA and quality measurements for VDI users and energy consumption reduction by using VDI.

Research Intern

University of Luxembourg, Luxembourg

February 2014 - July 2015

- Developing a mobility models for Luxembourg, Ivory Coast and Senegal through Orange Data for Development (D4D) project: Using PHP and open street maps.

Network Administrator

Suez Canal University, Egypt

July 2012 - August 2013

- Working as the head of the network of the Faculty of Computer and Informatics inside the IT unit.
- Working as a network Engineer (Network Administrator) at FCI SCU at ITunit in the faculty.

Oracle Developer and Instructor

FCI Information Center, Egypt

December 2010 - August 2013

- Training the employees of the faculties of Suez Canal University on ORACLE Run time.
- Teaching Oracle development classes on ORACLE 10g and 11g on Developer 6i and 10g and the Oracle Report builder.
- Teaching the practical aspect of DataBase 1 and DataBase 2 courses.
- Participating in developing new database systems in the university.
- Maintaining all the old database systems.

TEACHING EXPERIENCE

Teaching Assistant

University of Luxembourg, Luxembourg

November 2015 - Present

- Teaching duties including seminars, project groups, and lectures (in English language).
- Teaching courses such as: Distributed Systems, Databases.
- Supervising Masters students throughout their research.

Cisco Instructor

Cisco Networking Academy, Egypt

January 2012 – July 2014

- Working as the legal main contact and manager to the CISCO academy in Suez Canal University.
- Teaching CCNA course in the Academy, enroll the students and teach them.

Teaching Assistant

Suez Canal University, Egypt

November 2010 – August 2013

- Teaching duties for courses such as: Database Systems (Oracle), File Structure, Computer Networks and CCNA Modules.
- Conducting lab sessions in C++, Java, Networking.

EDUCATION

DIPLOMAS

University of Luxembourg - SnT, Luxembourg *September 2013 - January 2020*

- PhD in Computer Science

November 2015 - January 2020

Thesis: Performance Evaluation and Modeling of SaaS Web Services on the Cloud

Supervisor: Prof. Pascal Bouvry

Committee: Prof. Ulrich Sorger, Prof. Talbi El-Ghazali, Dr. Sebastien Varrette, Dr. Dzmitry Kliazovich.

- Masters II in Information and Computer Sciences

September 2013 – July 2015

Thesis: SLA Assurance in Cloud Computing Data Centers

Supervisor: Prof. Pascal Bouvry

Suez Canal University, Egypt

September 2006 - September 2013

- Masters I in Computer Sciences and Media Information *September 2011 – July 2012*

Grade: 1.4 = very good with honor.

- Bachelor of Computer Science

September 2006 – July 2010

Thesis: LAN Designer Tool

GPA: 3.6/4.0

CERTIFICATES

University of Luxembourg, Luxembourg

February 2019

- Smart ICT for Business Innovation: Post Graduate Certificate

2018 - 2019

Thesis: Best Practices for Cloud Migration and Service Level Agreement Compliances

Supervisors: Dr. Sébastien Varrette, Mr. Frederic Niessen

OTHERS

- A Standardization Delegate

Cloud Computing: ISO/IEC JTC 1/SC 38

Internet of Things: ISO/IEC JTC 1/SC 41

Summer/Winter Schools

- NESUS / PhD Symposium (February 2017): The school provides many courses related to Ultra-scale systems, parallel and distributed computing systems.

- Smart Cities (August 2016): The school provided many courses related to smart cities from the engineering, computational, physics, and urban point of view.

- 2nd IEEE Communication Society (June 2016): The school provided many courses related to communications and networking protocols.

HONOURS AND AWARDS

- Best paper award in the 32nd IEEE International Conference on Information Networking (ICOIN 2018) *January 2018*
- Fully funded Erasmus Mundus scholarship awarded by the European Union *July 2013 – July 2015*
- Ranked second for my academic performance on the whole students cohort of 2006. *July 2010*

TECHNICAL STRENGTHS

- **Programming:** Python, C/C++, C, Java
- **Databases:** SQL, PL/SQL, NoSQL, Oracle, Mysql, Postgresql, Redis
- **Web:** PHP / HTML /Java Script
- **Scripting:** Python, Perl, R, Bash
- **Visualization:** R, Matlab, Tableau
- **Cloud Engineering:** Amazon Web Services, Oracle Cloud Infrastructure, Google Cloud
- **System Administration:** Linux, Kubernetes, Ansible, Openshift, DevOps
- **Network Administration:** CCNA, Configuration, Routing, Switching, Troubleshooting

LANGUAGES

- English (Fluent)
- Arabic (Native)
- French (Intermediate)
- Luxembourgish (Intermediate)
- German (Beginner)

REFERENCES

All certificates, proves and documents are available upon request.