Abdallah Ali Zainelabden A. IBRAHIM

birthday 24/10/1989
nationality Luxembourgish / Egyptian
cell +352 661420855
address 49 Rue Dicks
L4081 Esch-sur-Alzette

e-mail abdallah.cisco@gmail.com

LinkedIn http://www.linkedin.com/in/AazaI

homepage http://staff.uni.lu/abdallah.ibrahim
GitHub https://github.com/AbdallahCoptan

EDUCATION

PhD (November 2015 – November 2019)   Esch/Belval, Luxembourg.

Title: PhD in Computer Sciences and Engineering **| institution**: University of Luxembourg, Luxembourg **| Thesis**: Performance Evaluation of SaaS Services on the Cloud **| Advisor**: Prof. Pascal Bouvry **| Committee**: Prof. Ulrich Sorger, Dr Sebastien Varrette, Dr Dzmitry Kliazovich.

MA 2 (September 2013 – July 2015)   Luxembourg, Luxembourg.

Title: Master in information and Computer Science **| Institution**: University of Luxembourg, Luxembourg **|Thesis**: SLA Assurance in Cloud Computing Datacenters **| Advisor**: Prof. Pascal Bouvry **| Grade**: 125/120 ECTS | Profiles: Networking and Communication systems.

MA 1 (September 2011 – July 2012)   Ismailia, Egypt.

Title: Master in Computer Science, Media Informatics **| Institution**: Suez Canal University, Egypt **| Grade**: 1.4 = very good with honor.

B.Sc. (September 2006 – July 2010)   Ismailia, Egypt.

Title: Bachelor of Computer Science **| Duration:** 4-year **| Institution**: Suez Canal University, Egypt **| GPA**: 3.6/4 – 2nd rank **| Graduation project**: LAN Designer Tool **| Project grade**: Excellent.

DIPLOMAS AND CERTIFICATES

Post Graduate Certificate   Esch/Belval, Luxembourg.
(February 2018 – February 2019)

Title: Smart ICT for Business Innovation **| institution**: University of Luxembourg, Belval **| Thesis**: Best Practices for Cloud Migration and Service Level Agreement Compliances**| Advisor**: Dr Sebastien Varrette **| Committee**: Prof. Pascal Bouvry, Mr Frederic Niessen (Dell EMC) **| Grade**: 18 ECTS.

A Delegate in Luxembourg Standardization Body   Esch/Belval, Luxembourg.
(January 2016 - Now)

ILNAS/ANEC: ISO/IEC JTC 1/SC 38 (Cloud Computing) **and** ISO/IEC JTC 1/SC 41 (Internet of Things)

EMPLOYMENT

PhD Student & Teaching assistant (November 2015 – Now)   Luxembourg, Luxembourg.
- University of Luxembourg, Faculty of Science, Technology and Communication (FSTC)

Research activities related to my PhD topic "Performance Evaluation of SaaS Services on the Cloud" | Teaching duties including seminars, project groups, and lectures (in English language) | Assisting master students through their research.

Internship (Student Job) & Research assistant   Luxembourg, Luxembourg.
(February 2014 – July 2015)
- SnT - Interdisciplinary Centre for Security, Reliability and Trust.

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

Teaching Assistant (November 2010 – August 2013)   Ismailia, Egypt.
- Faculty of Computers & Informatics, Suez Canal University.

Worked for three years as a teaching assistant giving lab sessions in programming languages such as C++, Java, and Networking and, classes on data/file structures and data bases.

HONORS & AWARDS

Best Paper Award   Chiang Mai, Thailand.
- January 2018: Best paper award from 32nd IEEE International Conference on Information Networking (ICOIN 2018)
- Paper title: PRESENCE: Toward a Novel Approach for Performance Evaluation of Mobile Cloud SaaS Web Services

MA 2-Year Full Scholarship   Luxembourg, Luxembourg.
- July 2013 – July 2015: Erasmus Mundus scholarship awarded by the European Union

Letter of Admiration from the Suez Canal University   Ismailia, Egypt.
- 2010: Ranked the 2nd on my educational year edition.

SKILLS

LANGUAGES
- **Arabic**: mother tongue.
- **English**: proficient.
- **Luxembourgish**: B1.
- **French**: B1.
- **German**: A1.

PROGRAMMING
- **JAVA**
- **C/C++, C#**
- **Python/Perl**
- **R Language / Shiny (R studio)**
- **Pl/SQL**
- **Prolog**
- **HTML / CSS / PHP**
- **Assembly**
- **TCL/ Otcl**
- **Matlab**

Others
- **Parallel programming: MPI / Open MP (C/C++)**
- **Web: PHP / HTML /Java Script**
- **Mobile: Android / IOS(Objective C)**
- **Databases: Relational / NoSQL**
- **Network Administration: CCNA Certified Instructor**
- **Simulation & Modeling: Packet Tracer / NS2 / Matlab**

SCIENTIFIC ACTIVITIES

PUBLICATIONS

- Abdallah A. Z. A. Ibrahim, D. Kliazovich, and P. Bouvry "Service Level Agreement Assurance between Cloud Services Providers and Cloud Customers," 16th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing (CCGrid), 2016.
- Abdallah A. Z. A. Ibrahim, D. Kliazovich, and P. Bouvry "On Service Level Agreement Assurance in Cloud Computing Data Centers," IEEE 9th International Conference on Cloud Computing (CLOUD), 2016.
- Abdallah A. Z. A. Ibrahim, D. Kliazovich, P. Bouvry and A. Oleksaik "Virtual Desktop Infrastructures: architecture, survey and green aspects proof of concept," 7th INTERNATIONAL GREEN and SUSTAINABLE COMPUTING CONFERENCE (IGSC'16) – (First RE-HPC workshop)- 2016.
- Abdallah A. Z. A. Ibrahim, D. Kliazovich, P. Bouvry and A. Oleksaik "Using Virtual Desktop Infrastructure to Improve Power Efficiency in Grinfy System," 8th IEEE International Conference on Cloud Computing Technology and Science (CloudCom) – 2016.
- U.Wasim, Abdallah A. Z. A. Ibrahim, P. Bouvry and T. Limba "Law as a Service (LaaS): Enabling Legal Protection over a Blockchain Network," 14th IEEE International Conference on Smart Cities: Improving Quality of Life using ICT & IoT (HONET-ICT 17)- 2017.
- U.Wasim, Abdallah A. Z. A. Ibrahim, P. Bouvry and T. Limba "Self-Regulated Multi-criteria Decision Analysis: An Autonomous Brokerage-Based Approach for Service Provider Ranking in the Cloud," 9th IEEE International Conference on Cloud Computing Technology and Science (CloudCom)- 2017
- Abdallah A. Z. A. Ibrahim, S. Varrette and P. Bouvry "PRESENCE: Toward a Novel Approach for Performance Evaluation of Mobile Cloud SaaS Web Services," 32nd IEEE International Conference on Information Networking (ICOIN)- 2018.
- Abdallah A. Z. A. Ibrahim, S. Varrette and P. Bouvry "PRESENCE: Performance Metrics Models for Cloud SaaS Web Services," 11th IEEE International Conference on Cloud Computing (CLOUD), 2018.
- Abdallah A. Z. A. Ibrahim, S. Varrette and P. Bouvry "PRESENCE: Monitoring and Modelling the Performance Metrics of Mobile Cloud SaaS Web Services," Mobile Information Systems Journal (Hindawi), 2018.
- Abdallah A. Z. A. Ibrahim, S. Varrette and P. Bouvry "On Verifying and Assuring the Cloud SLA by Evaluating the Performance of SaaS Web Services Across Multi-cloud Providers," 48th Annual IEEE/IFIP International Conference on Dependable Systems and Networks Workshops (DNS), 2018.
- Abdallah A. Z. A. Ibrahim, S. Varrette and P. Bouvry "PRESEnCE: A Framework for Monitoring, Modelling and Evaluating the Performance of Cloud SaaS Web Services," 48th Annual IEEE/IFIP International Conference on Dependable Systems and Networks Workshops (DNS), 2018.
- P. Bouvry, S. Varrette, U.Wasim, Abdallah A. Z. A. Ibrahim, B. Xavier, and T. Trinh "Security, reliability and regulation compliance in Ultrascale Computing System," Book Chapter: Ultrascale Computing Systems Book, 2018.

TEACHING

Undergraduate Courses: Luxembourg, Luxembourg.
- Faculty of Science, Technology and Communication (FSTC), University of Luxembourg
- Distributed Systems (2015/2016) (2016/2017) (2018/2019)

Networking & Databases (2010 – 2013)   Suez / Ismailia, Egypt.
- Faculty of Computers & Informatics, Suez Canal University.
- Faculty of Sciences, Suez University
- Database Systems (Oracle)
- File Structure, and Computer Networks.
- CISCO Academy: CCNA Modules

REFERENCES

- All certificates, proves and documents are available upon request.