

Ahmed Sadek

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11-00-32, Oberfeldstraße 132
12683 Berlin, Germany
Tel: +49 01525 7486783
ahmed.mohyeldin.sadek@gmail.com

Summary & Objective

I am a Telecom systems engineer with a deep passion about technology, I have a strong vision for designing novel ideas, I have a steady knowledge in a broad spectrum of technologies "i.e. Cloud computing, Information security, Network protocols & Architecture". I have good academic skills and strong technical skills due to my work in both the Academia and the industry and I hope to invest those skills in shaping the technologies of the future.

Education

Master student double degree "Internet Architecture", TU Berlin & KTH [2013-2015]
Exchange student, Polytecnico Di Torino, Italy
Bachelor of Engineering "EE&CS", Al-Azhar University, Egypt

Experience

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| 1 year | <p>Network Engineer Internship, Alcatel-Lucent, UK , BT MSE project.</p> <ul style="list-style-type: none">- I was part of the Integration and testing team in the Global customer delivery EMEA, responsibilities include running different conformance testing scenarios to ensure that the equipments are fully compliant with the different network protocols "MPLS,OPSF, ISIS, BGP" and standards , can work in different scenarios and provide the desired QoS.- I have gained hands on experience with service/edge routers 7750&7950, Spirent, ISAM- Solid understanding of L2, L3 services "VPRN, VPLS, HVPLS, PW, IES" and MPLS/RSVP-TE.- Solid understanding of OSPF/ISIS configurations and intermediate troubleshooting.- Following hardware configuration and software upgrade MOPs.- Hands on experience with TiMOS OS for Service routers in different versions. |
| 5 month | <p>Support Engineer, Etisalat, Egypt</p> <p>Support Etisalat internet services on the GPON network by providing first line support to its customers by answering their questions and solving any technical problems they may face with the service and communicating with 2nd/3rd line of support for advanced troubleshooting.</p> |
| 1 year | <p>Research Assistant, Nile University (Communication and Information Systems Dep.) –</p> <p>I was part of the research team investigating the potential of cloud computing as a new technology with many promising aspects "economically and technically". My part was to investigate the security features of cloud computing and whether it is possible to deliver</p> |
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security as a service “SaaS” plus investigating the weak points in the different cloud models “VM based and hyper visor based” . I organized one-day workshop for the recent trends in security research. Used many tools for investigating attacks scenarios and open source tools.

Technical Training

Software

- **CCNA** Cisco Certified Network Associate, Cisco.
- Professional training **CCNP** Cisco Certified Network Professional.
- **NRS I & II** Networking and Routing Specialist, Alcatel-Lucent.
- Professional training **CEH** Certified Ethical Hacker, **Raya Training** .
- Professional training **GSM and SS7, Alcatel Academy** .
- Professional training Java, Python, MATLAB .
- Professional training VHDL, Microprocessor.
- Professional training **Linux, UNIX Solaris, windows** .
- Hands on Experience **Microsoft Office**, 2007-2010, “Word, Power Point, Excel”.

Awards

- Scholarship Master Student in EIT Labs master program
- Scholarship Erasmus Mundus Exchange student In” Politecnico Di Torino“.
- Best project award in MIE “Made In Egypt” competition.

Language skills

Arabic: Mother Tongue , **English :** Fluent , **German:** Basic , **Italian:** Basic

Community Activities

- I am an active member in AIESEC Egypt – IEEE Gold Egypt communities.
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Personal Attitude

- Self motivated.
 - Hard working and self managed.
 - Persistent while working under pressure and tend to deliver on deadline.
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