

# Ahmed Osama El-Fiky

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Position at KWIQSCA: CTO

## Work Experience

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May.2012-Oct.2013: Technical Support Engineer Operation Service Desk, Orange Business Services, Cairo, Egypt

- Monitoring and evaluating the performance of Orange intercontinental "WAN" connections using Orange specific tools
- Providing technical assistance to customers via troubleshooting, testing and error reporting of hardware of different vendors including: Cisco, Avaya, Nortel

Nov.2011- Jul. 2012: Senior R&D Engineer- LPR Team Leader EgyptSat Telecomm., Cairo, Egypt

- Developed software package for automatic car plate recognition (including Arabic Letters recognition) using LabVIEW
- Supervised an implementation of another LPR module using C++ and special LPR Camera

## Education

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Oct.2013- Jul.2015: M.Sc. Biomedical Computing

- Technische Universität München (TUM), Munich, Germany GPA: 3.72 / 4.00 || "German Grading Standard: 1,85"

Sep.2009-May.2011: M.Sc. Electrical Engineering

- King Abdullah University of Science and Technology (KAUST), Thuwal, KSA Leading 21<sup>st</sup> century university where students represented 70 different nations. GPA: 3.00 / 4.00

Sep.2004-Jun.2009: B.Sc. Electronics and Communications Engineering

- Arab Academy for Science and Technology (AAST), Alexandria, Egypt GPA: 3.60 / 4.00 || "Excellent with degree of honor" Major study: Wireless Communications || Minor study: Electronics



## Research Experience

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Oct.2014-May.2015: Realistic Modeling of Brain Tumors using Eikonal Equations Advisor: Prof. Björn Menze Chair of Computer Aided Medical Procedures (CAMP), Technische Universität München (TUM), Munich, Germany

- Patient-specific modeling of “Brain Glioma” based on Eikonal equations
- Estimation of uncertainty parameters for registered pre-operative post-operative MRI patient scans

Aug.2014-Oct.2014: Skin Identification in Digital Breast Tomosynthesis Siemens AG, Healthcare Sector, Erlangen, Germany

- Implemented “Matlab” codes to identify skin in Tomosynthesis volumes based on different “Machine Learning” techniques
- Evaluation of the implemented schemes through “ROC” curves

## Operational Skills

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### Technical Skills:

- Engineering softwares (LabVIEW, PsPice, Xilinx, LaTeX)
- Programming languages: C++, OpenCV, Matlab, Paython

### Language Skills:

- Arabic: mother tongue
- Englisch: fluent (written and spoken)
- German: Basic (written and spoken)

### Technical Trainings:

- Hardware Maintenance (Preparation courses for A+)
- Cisco Certified Network Associate (CCNA \_preparation course)
- IRCA Quality Certificates: Total Quality Management.- ISO 27001: 2005