

Amr HOSSAM ELDOSOKY

PERSONAL DATA

PLACE AND DATE OF BIRTH: Giza, Egypt | 24 September 1992
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CAREER OBJECTIVE

DEVELOP INDIVIDUAL CAREER IN COMMUNICATION/NETWORKS ENGINEERING AND IMPROVE ABILITIES
AND ENHANCE PERSONAL SKILLS.

EDUCATION

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| OCT. 2014 - STILL RUNNING | Masters of Science Student in COMMUNICATION AND MULTIMEDIA ENGINEERING at University of Erlangen-Nurnberg (FAU) |
| JUNE 2013 | Bachelor of Science in ENGINEERING, German Univeristy in Cairo Major: Communication Engineering Thesis: "Traffic Guidance System using Celluar information over Android" GPA: 1.3/0.7 |
| SEPT. 2009 - JULY 2014 | Bachelor Degree in COMMUNICATION ENGINEERING at German Univeristy in Cairo GPA: 1.63/0.7 |
| JULY 2009 | High School in Saida Aisha Language School, Egypt |

LANGUAGES

ARABIC: Mothertongue
ENGLISH: Fluent
GERMAN: Basic Knowledge

COMPUTER SKILLS

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| Basic Knowledge: | HTML, CSS, JQUERY, JAVASCRIPT, DJANGO, PYTHON, UBUNTU, Model sim "VHDL", GITHUB, L ATEX, C/C++ |
| Intermediate Knowledge: | Excel, Word, PowerPoint, Android, Advanced Design System (ADS), Pspice, PHP, mysql, TINYOS, NES C |
| Advanced Knowledge: | Java, MatLab, CST |

INTERNSHIPS

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| JULY 2013 | Web developer at Morabiz Learning Django Framework. Creating a small Blog application and then get to be familiar with GITHUB to be able to work in a large team and then working on a large project. |
| FROM OCTOBER 2012 TO JANUARY 2013 | Junior Teaching Assistant at German university in Cairo Teaching CSIS104 for Pharmacy. |
| JULY 2012 | RF "radio frequency" intern at German university in Cairo Designing and simulating couplers, filters and phase shifter on software called "CST", then working on paper wide band 180 hybrid coupler and modifying its design to give better results |
| AUGUST 2012 | Wireless internship at German university in Cairo Learning to work on tinyos to program mib510 motes using nesc programming language on Ubuntu then making a simple application about localization using finger printing Algorithm |

PROJECTS

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| CHANNEL CODING ON WSN | Implementing a channel coding scheme which is Convolutional codes rate 1/2 on Wireless Sensors micaz motes and realtime connection to MATLAB for calculating BER vs interference SNR. |
| IMPLEMENTATION OF LTE SYSTEM | Implementing a whole LTE system on SIMULINK MATLAB |
| IMPLEMENTATION OF WLAN 802.11AC | Implementing WLAN Receiver on MATLAB. |
| CHANNEL CODING | Performing Convolutional channel coding on a Video with rate 1/2 and puncturing on MATLAB |
| BUTLER MATRIX | Simulating Butler Matrix Antenna Array on CST. |
| CAR POOLING | Implementing Car Pooling Mobile Application over Android. |
| ENTANGLEMENT GAME | Implementing Entanglement game using Java. |

INTERESTS AND ACTIVITIES

Technology, Digital Signal Processing, Source Coding, Antenna and Microwave Circuits Design, Modulation and Programming.
Tennis, Travelling , Movies , Reading.