Khalid MAHMOUD MOHAMED

PERSONAL DATA

PLACE AND DATE OF BIRTH:	Riyadh, Saudi Arabia | 23.07.1992
NATIONALITY:	Egyptian
MARITAL STATUS:	Single
ADDRESS:	WichernStr 18, 91052 Erlangen, Germany
PHONE:	+4917669463160
EMAIL:	khalid.mahmoud92@hotmail.com

EDUCATION

OCT. 2014 - Now	Masters of Science student in Communication and Multimedia Engineering at the **Friedrich-Alexander-University**, Erlangen, Germany.
JULY 2014	Bachelor of Science in Information Engineering and Technology with High Honours at the **German University in Cairo**, Egypt (GPA 1.08/0.7)
SEPT. 2007 - JULY 2009	**Dr.Mahmoud Omar Secondary School**, Egypt

INTERNSHIPS

FEBRUARY 2014	Research Assistant at Prince Sultan University in Riyadh, KSA under the supervision of Prof. Tarek Elsarnagawy. My task was to assemble the components of a wireless health care monitoring system based on fiber optic sensors. The respiratory rate and the heart beat rate were measured and analyzed successfully.
OCTOBER 2012 – JANUARY 2013	Junior teaching assistant at the **German university in Cairo** teaching CSIS104 for pharmacy students and CSEN102 for engineering students.
AUGUST 2012	Wireless internship at the **German University in Cairo** learning to work on tinyos to program mib510 motes using nesc programing language on ubuntu then making a simple application about indoor localization using Finger Printing algorithm.
JULY 2012	Radio Frequency (RF) intern at the **German University in Cairo**, designing and simulating couplers ,filters and phase shifter using Computer Simulation Technology (CST), then working on paper wide band 180 hybrid coupler and modifying it's design to give better results.
JULY 2011	Summer Internship at the **Biomedical Inistitute, Technical University in Ilemnua**, Germany, designing a flash control system by programming Texas micro controller using C language.
JULY 2010	Summer Internship at the **Biomedical Inistitute, Technical University in Ilemnua**, Germany, designing and fabricating simple printed circuit boards (PCBs).

Research

MARCH 2013 - SEPT. 2013	Bachelor Project at the **Technical University in Ilmenau**, Germany. "Wireless Health Monitoring System Based on Fiber-Optic Sensors", a wireless portable system to measure the respiratory rate using a fiber Bragg grating (FBG) optical sensor is established. Analyzing and filtering the output data is explained and compared with the output data of a commercial piezoelectric sensor.

Languages

ARABIC:	Mother Tongue
ENGLISH:	Fluent
GERMAN:	Fair

Computer Skills

Very Good Knowledge:	MATLAB, CST - COMPUTER SIMULATION TECHNOLOGY, JAVA and LaTeX
Intermediate Knowledge:	Excel, Word and PowerPoint
Basic Knowledge:	C/C++, Altium Designer, Advanced Design System (ADS) and ModelSim(VHDL)

Interests and Activities

Digital Signal Proccessing, Source Coding, Antenna and Microwave Circuits Design and Programming
Member in AYB (A'lashanek Ya Balady) NGO charity and Bdaya NGO charity.
Football, Tennis and Travelling