

15 May City- mogaoura 17 group 11 block 3 flat 7-Cairo-Egypt .
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Eman Farouk Sidhom Sawires



EDUCATION

2001-2006

- Bachelor of Science (B.Sc.), Faculty of Engineering, Helwan University, Cairo, Egypt.
- Department: Electronics ,Communications and Computer.
- Cumulative Grade: Very Good (83.88%)with the Grade of Honor – The First.
- Final Year Passing Grade: Excellent(89.87%).
- Graduation Project: Phase Shift Measuring Unit by PLL.
- Project Grade: Excellent.

2007

- Post Graduate in Electronics ,Communications and Computer department.

2008

- Preparing a master degree in FPGA-based Disparity Map Computation.

My Publications

- Eman F. Sawires, Alaa M. Hamdy, Fathy Z. Amer, E.M. Bakr., " Disparity Map using Suboptimal Cost with Dynamic Programming". , IEEE ISSPIT , 2010 , accepted.

CURRENT JOB

- Instructor in Faculty of Engineering, Helwan University, Cairo,Egypt.
- Job Description: Teach Electronics, Logic, Microcontroller, Microprocessor and computer architecture.

EXPERIENCE

- 3 years in teaching field.

PREVIOUS JOB

- **July 2006:** work as Designee Engineer in Farmedical Company.
Job Description: Designee Medical Equipment as Light Source, Lithotripters, Disinfectors, Insufflators, Infusion pump.
- **January- July 2007:** work as Project Manger.

SKILLS

Hardware skills:

- Good knowledge of FPGA and its applications.
- Strong knowledge of PIC Microcontroller and its applications.
- Good knowledge of PCB.

Software skills:

- Strong knowledge of VHDL language.
- Strong knowledge of MikroC language.
- Very Good knowledge of MATLAB.
- Good knowledge of ORCADE.
- Very Good knowledge for computer operating systems.
- Very Good knowledge of MS-Office and most of essential internet utilities.

Language skills:

- Arabic: Mother tongue.
- English: V.Good in reading, writing and speaking.

Self Skills:

- Ability to learn quickly.
- Works in team.
- Invention.
- Having a leading character
- Having creative methods in problems solution .

TRAINING COURCES

- Panasonic Jelecom Company.
- Learning course of Microsoft Access and FrontPage in Helwan University.

FACTORY TRAINING

- MITTAL STEEL ANNABA SPA (BP 2055 Annaba Algérie).
- QUICKTEL [The Egyptian Telephone Company] From 20/6/2004 to 18/8/2004.

PERSONAL INFORMATION

- Telephone: (+202) 25511773.
- Marital status: Unmarried.
- Religion: Christian.
- Nationality: Egyptian.
- Date of birth: October 1, 1984.