

Mohammed Hassan Attia

- PROFILE** Professional, highly qualified Electrical Engineer with excellent organizational and team working skills. Ideal candidate for position requiring drive, initiative, responsibility and challenge.
- Personal information**
- Date of birth : 2-10-1987
Place of birth : Alexandria-Egypt
Nationality: Egyptian
Sex: Male
Marital status : single
Military status: Final exemption
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- EDUCATION**
- 2004 – 2009
Alexandria university
Bachelor of Electrical & communication Engineering
Grade: Distinction with honor (87.15%) (the seventh on my class)
Final Year project: ASIC for an automotive application CAN(controller area network) used for communication in cars to UART used mainly for diagnostic purpose
Project Grade: Distinction
Summer schools:
RoMSSIS (Radio and Mixed Signal Integrated Systems)
"Chip Sets for SDR Technology: Design, Implementation and Applications" June 29 - July 1, 2009, Cairo, Egypt
- EMPLOYMENT**
- Currently:
- Teaching assistant, Biomedical engineering department , medical research institute,Alexandria university , egypt
- Formerly:
- Teaching assistant , SSP, faculty of engineering ,Alexandria university
 - Research Assistant at NISC LAB school of Engineering at NILE University,smart village,cairo
 - Instructor at alpha tech training center ,Alexandria
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- SKILLS**
- Computer:
- Working knowledge of visual studio ,programming languages, C, C++,mysql and visual basic .
 - Highly proficient at Access, Excel, Word & Powerpoint. Knowledge of Mathematica and Electronics Workbench
 - Experience of HTML, VHDL and assembly code and mentor graphics tools.
 - Built, tested and debugged circuits.
 - Simulating using AVR microcontrollers and computer interface Dialysate machine.
 - worked on a primary design for an infusion pump (Dropper with controllable rate)
 - worked on BIOMPEDANCE project

Experience in internal auditing according to ISO17025 and ISO 15189

Presentations: Developed ability to produce reports and presentations to a professional standard.

Analysis & Evaluation: Proficient in assessing data and formulating solutions.

Organisational: Effective at time management and prioritising tasks to achieve deadlines.

Interpersonal/Communication: Strong team working, leadership and communication skills.

Language: Conversational English

Microcontrollers: AVR and PIC and their interface with computers
And PCB designing and assembling

Training courses:

- Laboratory design and preparation, national institute for quality (NIQ)
- Uncertainty calculations in calibration, Egyptian organization for standardization (EOS)
- Assessing lab according to ISO 17025, Egyptian accreditation council (EGAC)
- Molecular Evolution And Phylogeny Of Infectious Diseases, medical research institute governance unit, Alexandria university
- Midon oil refinery
- Analog circuits trouble shooting
- microcontrollers
- GSM and UMTS

INTERESTS & ACHIEVEMENTS

Scout: during preparatory stage

Driving: Full, clean driving license and car is available.

Technical: -Repairing electronic devices, car electrical diagrams and installments.

- Home repairs.

REFERENCES:

Prof. Dr. El-Sayed Hd

Electrical engineering department, Faculty of engineering ,Alexandria University