

Asmaa Mohamed Mohamed Ahmed

Asmaa.MohamedAhmed@gmail.com

Address: Cairo, New Cairo, Al-tagamoa el-awal, Al- shamaly, building 75

Mobile: 01141795497

Telephone: 02-22462321

Work Experience

- 2013-2014: Teaching Assistant in Math and Physics department at Faculty of Engineering Cairo University
- 2014-Now: Teaching Assistant in Systems and Biomedical Engineering department at Faculty of Engineering Cairo University

Education

- 2008-2013: Bachelor degree in Systems and Biomedical Engineering department, from Faculty of Engineering in Cairo University.
- Cumulative grade: **Excellent** (One of the top five on my class)
- Graduation Project Grade: **Excellent**.

Graduation project

- **Title:** "Hybrid BCI (Brain computer interface) systems for unspoken communication and control"
- **Overview:** In our project we implemented BCI system that interprets brain signals generated by the user, allowing specific commands from the brain to be executed on an external devices ,we used a plane as external device , controlled its movement in four directions (left /right /forward / backward) and also turn on/off the plane. Therefore such an interface would enable severely handicapped people to interact with their environment without the need for any muscle activation and help them in communication.

Courses

- July 2010: **Microcontroller**.
- August 2010: **ICDL** - CASBEC certified.
- August 2010: **C#** - CASBEC certified.
- February 2013: **ISTQB** (Software testing) – Expertwave testing & Cairo university certified.

Internship experience

- August 2012: Children's Cancer Hospital 57357 - Clinical Engineering principles. - Hospital Design principles. - Ventilator & Anesthesia basic concepts and fundamental

service procedures. - Radiology basic concepts and fundamental service procedures. - Laboratory commissioning and equipment theory of operations.

- August 2011: El -Gomhoria Company. - Medical equipments. - Maintenance department.

- August 2011: Armed Forces Center for prosthetic.

- August 2010: Abo-elreesh hospital of children. - Maintenance department.

- August 2009: Training of preparatory year.

Teaching Courses

- Computer Vision for 4th year.

- Medical Equipment for 3rd year (MRI & X-ray).

- Medical Equipment for 4th year (Ultrasound).

- Control systems for 4th year.

- Measurements and devices for 2nd year.

- Clinical Engineering for 3rd year.

Personal Characteristics

- Ability to work under pressure.

- Quick learner.

- Possessing self-discipline and the ability to work with the minimum of supervision.

- Hard and smart worker with the soul of competition.

Personal Information

- Date of birth: July, 11th, 1991.

- Gender: Female.

- Marital status: Single.

- Place of birth: El-kalyobya, Egypt.

- Nationality: Egyptian.

References are available upon request.