

ISLAM MOHAMED HELMY

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OBJECTIVE

Seeking for position in a reputable company as a communication Engineer, where I can utilize my education, personal skills and interests.

PERSONAL DATA

- **Date of birth:** 26 November 1989.
- **Military Status:** Exempted.
- **Nationality:** Egyptian.
- **Marital Status:** Single.

EDUCATION

- **M.Sc.** of Computer Engineering.
- **Faculty:** Faculty of Engineering, Helwan University.
- **Major:** Department of Electronics, Communications and Computer Engineering.
- **Master Thesis:** An Image-Based Automatic Focusing Telescope System.
- **Date of Grants:** June 2019.
- **B.Sc.** of Engineering.
- **Faculty:** High Institute of Engineering, El-Shorouk Academy.
- **Major:** Electrical and Electronics Department, Communication (Communication and Electronics).
- **Grade:** Excellent honored, Rank of the Second Order.
- **Graduation Year:** July 2012.
- **Graduation project:** Mobile Control for UGV.
- **Project Grade:** Excellent.

WORK EXPERIENCE

National Research Institute of Astronomical and Geophysics (NRIAG)

- **Assistant Researcher** June 2019 - till now
- **Web Administer** of NRIAG web-site February 2019 - till now
- **Researcher Assistant** July 2013 - June 2019

Duties & Responsibilities:

- Achieve my academic research.
- Responsible for astronomical instrumentations maintenance, such as telescope, control cards, software, dome,....etc.

- Attend conferences, seminars, and workshops.
- Manage NRIAG web-site design and editing pages, post, and news.

Micro Controller Instructor

- **Micro Controller Instructor** at IT Academy, July 2012- August 2012.
- **Micro Controller Instructor** at SYN Lab (Cairo University), June 2014- September 2014.

Duties & Responsibilities:

- Illustrate a description of the Micro Controller based system.
- Explain the Micro C programming language.
- Implement Micro Controller based projects.

TRAINING

Trained in NTI June 2010 - July 2010.

SKILLS & ABILITIES

Languages

- **Arabic:** Mother Tongue
- **English:** Very Good (Writing, listening and speaking)

Computer skills

- Very good of using Office(Word-Excel-Power point)
- Operating Systems: Microsoft Windows XP, 7 and 8

Advanced at:

- Matlab & Simulink
- C++ Programing
- PLC
- Arduino
- Micro-Controller (PIC16F877A & PIC18F4550)
- VHDL
- Microprocessor (8080 & 8085)

INTERESTS & HOBBIES

- Reading in all types of sciences.
- Playing chess.
- Listening to music.
- Internet.
- Travelling.

Refrences are avilable upon request