

Ahmed Essam Ahmed Nabawy Morra

Department of Electronic and Electrical Communication Engineering, Faculty of Electronic Engineering, Menoufia University,
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Curriculum Vitae



PERSONAL:

- **Date of birth:** 16 April, 1984
- **Nationality:** Egyptian
- **Marital Status:** Married
- **Military service :** Final Exemption

EDUCATION:

- **Department of Electronic and Electrical Communication Engineering, Faculty of Electronic Engineering, Menoufia University, Egypt.**
 - December, 2010 **M. Sc.** in Effect of cathode and electron transporting layer on the performance of nanocrystal based light emitting devices.
 - May, 2006 **B. Sc.** in Electronic and Electrical Communication Engineering with grade **Excellent with Honor (88.61%)**.

PROFESSIONAL EXPERIENCE:

- **Lecturer Assistant**, Department of Electronic and Electrical Communication Engineering, Faculty of Electronic Engineering, Menoufia University, Menouf, Egypt from February, 2011 up till now.
- **Demonstrator**, Department of Electronic and Electrical Communication Engineering, Faculty of Electronic Engineering, Menoufia University, Menouf, Egypt from December, 2006 to February, 2011
- **Demonstrator**, Department of Electronic and Electrical Communication Engineering in ELShorouk Academy from September, 2006 to December, 2006.

COMPUTER EXPERIENCE:

- Good knowledge of computer software & hardware.
- Have an ICDL certificate.
- ICDL Trainer.

TRAININGS:

- Have a CCNA certificate.
- Course in JELECOM Company (PANASONIC) in (Advanced Communication Systems) with grade very good .
- Training in TOSHIBA ELARABY Factory in Summer (2003/2004).
- English Level 304 in AUC with grade very good.

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LANGUAGES:

- Arabic (Native).
- English (Very Good Both Reading & Writing).
- Have an IBT TOEFL score 85 from 120.

Research Interests:

1. Nano Optoelectronics engineering
2. Nano electronics engineering
3. Optical Communication engineering
4. Electronics and Communication engineering

LIST OF RECENT PUBLICATIONS:

1. **Ahmed Essam Ahmed Nabawy Morra, Wageh Mohammed Swelm and Atef El-Sayed About El-Azm," Simulation of electroluminescence of quantum dot-based microcavity light-emitting device," Optical and Quantum Electronics Journal, 42, 2011, pp. 285–296, DOI: 10.1007/s11082-011-9453-z.**
2. **Ahmed E. Morra, Wageh S. and Atef About El-Azm," Modeling of Semiconductor Nanocrystal Quantum Dot Based Microcavity Light Emitting Diode," 27th National Radio Science Conference, Faculty of Electronic Engineering, Menoufia Univ., Menouf, Egypt, 16-18 March 2010, pp. D10-1-D10-9.**
3. **Ahmed E. Morra, Wageh S. and Atef About El-Azm," Electroluminescence from Mixed Color Quantum Dot based Microcavity Light Emitting Device using Patterned Si₃N₄ Filler Layer," Submitted for publication in Journal of Optoelectronics and Advanced Materials.**