

# Noha Sobhi

## Personal Information

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- **Name** Noha Ahmed Mohammed Sobhi
- **Nationality** Egyptian
- **Date of Birth** June 21th 1993
- **Place of Birth** Alexandria, Egypt
- **Current Address** 26 El-Sayed Amnna St., Sidi Gaber, Alexandria, Egypt
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## Education

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- **(2017-2021) Masters of Science in Computer Engineering, Arab Academy for Science, Technology, & Maritime Transport, Alexandria.**
  - GPA: 3.75./4.00 (Excellent with honours).
  - Thesis: "A Computer-aided Model for Efficient Processing of Narrow Band Laryngoscopic Videos in Medical Diagnosis".
- **(2011-2016) Bachelor of Engineering, Computer Engineering Department, Arab Academy for Science, Technology & Maritime Transport (AAST), Alexandria.**
  - GPA: 3.97 /4.00 (Excellent with honours).
  - Graduation project: "Developing Gamification of Progress-Controlled Systems for Industry Application", under supervision of Prof. Dr. Sherin M. Youssef from AAST and Eng. Mostafa El-Araby from Valeo. Project Grade: Excellent.

## Experience

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- **2016 – Present** Teaching Assistant, Computer Engineering Department, College of Engineering and Technology, Arab Academy for Science, Technology and Maritime Transport (AASTMT), Alexandria.
- **2015** Valeo internship. (Topic: Game Programming and integrate it with different operating platforms).
- **2015** Oil & Gas Skills (OGS) Alexandria, Summer Training. (Topic: Programming logic controller).
- **2014** Alexandria Fertilizers Co., Summer Training. (Topic: Virtual Machine).

## Publications

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- **Noha A. Sobhi**, Sherin M. Youssef & Marwa A. Elshenawy, "Extraction of Laryngeal Cancer Informative Frames from Narrow Band Endoscopic Videos.", 2021 IEEE International Conference on Imaging Systems and Techniques (IST) , 2021. DOI: <https://doi.org/10.1109/IST50367.2021.9651343>.

## Attended Courses

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- AWS-academy cloud foundations. ( <https://www.credly.com/go/GzG6ke7K>).
- Architecting on AWS.
- Zero to Deep Learning with Python and Keras.
- Toefl ITP
- International Computer Driving License [ICDL]

## Computer Skills

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- Very familiar with Amazon Web Services (AWS).
- Very familiar with Unity Game Engine.
- Excellent with Blender and 3Ds MAX Designing tool.
- Programming Languages: JAVA, C, C#, Python.
- Web Designing and Development. (HTML/ CSS/ JavaScript/ PHP/ Node JS).
- Android Mobile Applications Development of Developing application for dealing with microcontrollers, sensors, Multimedia Processing (Images & Videos), and Animations.
- Embedded System: Dealing with several Microcontroller, Sensors and other system components.
- Database Designing and Development using Microsoft Access and Oracle SQL.

## Language

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• Arabic: Mother Tongue

• English: Native