

# Ahmad Ismail

## Engineer



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### Summary

Engineer with high experience, motivation, and ambition to get a Ph.D. degree in Computer Science with focusing on embedded systems and Artificial intelligence. Having high-level skills in programming for reliable software projects and real-time systems

### Published Articles:

- A survey of real-time deep learning based object detection.
- Working on an article: Reliable embedded control system

### Skills:

- Creating and developing software projects in OOL.
- Design and implement robotic control system.
- Artificial intelligence, deep learning.
- Master skills in C++, python, java, C#.
- Teaching programming languages and Mathematics.

### Work History:

- ❖ Master study works. *12.2018 – 11.2020*  
*Student at MITY Russia, Moscow*
  - Developing programs in python.
  - Developing software with design for optimized performance.
  - Robotic control software system design, raspberry card.
  - Working with Open-CV.
  - Neural Network CNN, RCNN.
  - Machine learning.
  - Deep learning.
  - Google Colaboratory.
  - Object detection and tracking in image and video in real time system.

- ❖ Engineering supervisor 06.2014 – 03.2018  
*Engineer at HIAST Damascus, Syria*
  - Head of group of engineers for 4 years.
  - Design and implement for automotive systems.
  - Design and implement protocols for communication between many different hardware platforms.
  - Design and implement testing units.
  - Developing (design and documentation) software projects regarding to STD-498.
  
- ❖ Team member 02.2007 – 05.2015  
*Engineer at HIAST Damascus, Syria*
  - Developing embedded control systems
  - Software engineering
  - Developing programs in C++, C#, Java, Python, Assembly
  - Simulation in Matlab
  - Working with microcontrollers
  - Working with Voertex86, Intel486
  - Creating and developing testing units for control systems

### **Education:**

- ❖ Master of science: Information Processing and Control Systems  
 Bauman Moscow State Technical University, Russia –Moscow
  
- ❖ Bachelor of science: Diploma in communication engineering  
 Higher Institute for applied science and Technology HIAST, Syria-Damascus

### **Software:**

- ❖ Ultimate skills in developing, testing, and documenting C++ and Python languages.
- ❖ Master skills in languages Java, C#, Assembly, PHP, and HTML.

### **Languages:**

- ❖ Arabic, National language
- ❖ English, TOEFL Test, influent speaker.
- ❖ French, 3 years, intermediate.
- ❖ Russian, 2 year, intermediate.

### **Interests:**

- ❖ Teaching
- ❖ Sport
- ❖ Programming