

## CONTACT INFORMATION

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## LANGUAGES

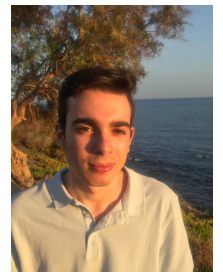
### English

Basic Professional Competence

## SKILLS

- Programming: Java, Python and C/C++, C#.
- Web development: JavaScript, HTML5, CSS, PHP.
- Problem Resolution and Complexity
- Software Engineering
- Data Science and Statistics
- Hardware programming: Arduino and Assembly language
- Matlab and GNU/Octave
- Data Base: Oracle, MySQL, SQLite.
- System theory and robotics: Lego Mindstorms.
- Machine learning and Deep Learning: Keras and PyTorch

# Miguel Ángel Medina



Last-Year student of Computer Science Engineering specialized in computing, with knowledge and interest in artificial intelligence, machine learning, robotics, software development and data science.

## EDUCATION

### Computer Science Engineering University of Las Palmas de Gran Canaria Spain

Syllabus 40/2010, with a average mark of 8.5  
Including 5 subjects passed with honors like:  
40807 - FUNDAMENTOS DE PROGRAMACIÓN  
(Java programming)  
40813 - PROGRAMACIÓN I (Object-Oriented &  
Event-Driven Programming and User Interfaces).  
40818 - PROGRAMACIÓN II (Linear & Tree Data  
Structures, Graphs and Hash).  
40819 - ADMINISTRACIÓN DE LOS SISTEMAS  
OPERATIVOS (Scripts, Users, Security, Data  
Storage and Monitoring).  
40826 - PROGRAMACIÓN IV (Web development:  
JavaScript, CSS, HTML5 and PHP)

## PROJECTS

Malaria cell detector, CNN and a VGG16 for the diagnosis of malaria.  
Neural network for sign language, use CNN and a VGG16.  
System application written in python to solve NP problems: facility location,  
travelling salesman problem, Knapsack problem and colored graphs.  
Android-JAVA application to manage events, dates and to-do lists. Currently  
working on it.  
My projects are posted in my Github: <https://github.com/miguel-kjh>

## CERTIFICATES & COURSES

Discrete Optimization, Coursera University of Melbourne  
Secure and Private AI - Udacity and Facebook