

JOÃO CARTUCHO

Education	<p>POLITECNICO DI TORINO 09/2015–08/2016 Abroad as an Erasmus student.</p> <p>INSTITUTO SUPERIOR TÉCNICO, LISBON 09/2013–now (planned) M.S. in Aeronautical and Space Engineering. Expected graduation date: 07, 2017</p>	<p>Torino, TO, ITALY</p> <p>Lisbon, LIS, PORTUGAL</p>
Work Experience	<p>GOOGLE SUMMER OF CODE 05/2016–08/2016 Multi-language OpenCV Tutorials in Python, C++ and Java</p> <ul style="list-style-type: none">• developing open source code.	<p>Torino, Italy</p>
Project Activities	<p>FINGERPRINT BADGING SYSTEM 02/2016–07/2016 Course: Project and Laboratory on Communication Systems. Developing a Badging System Device using .NET Gadgeteer FEZ Spider Kit from GHI Electronics. Final grade 1-30 : 30L (excellent)</p> <p>HANDWRITING DIGIT RECOGNITION 09/2015–07/2016 Course: Computer Vision. Developing Software to recognize handwritten digits in a photo. Final Project grade 1-5 : 5</p> <p>CLUSTERING ALGORITHM OF VECTOR QUANTIZATION 09/2015–07/2016 Course: Artificial intelligence. Clustering the MNIST 10-digit set database, obtaining a final error of 4.8% using a 10 minutes computation over the 60K-digits set. Final grade 1-30 : 27</p>	<p>Torino, Italy</p> <p>Torino, Italy</p> <p>Torino, Italy</p>
Skills	<p>Programming Languages: C, C++, C#, Java, Matlab, Python Programming Libraries: OpenCV Extra Interests: HTML, Javascript, jQuery Languages: Portuguese (native), English (fluent), Spanish (beginner), Italian (fluent)</p>	
Software	<p><i>OpenCV Toggle Buttons</i>: developer of the OpenCV toggle buttons used in the official tutorials and documentation.</p>	
References	<p>Vincent Rabaud Aldebaran Robotics / OpenCV Foundation. Paris, France vincent.rabaud@gmail.com</p>	

Last update: September 4, 2016