

Lucas Rodés-Guirao
<http://lcsrg.me>
 hi@lcsrg.me | +46 (0) 765 772 056

EXPERIENCE

EDREAMS ODIGEO Data Scientist

June 2018 - present | Barcelona, Spain
 Applying Machine Learning throughout the organisation.

NATIONAL INSTITUTE OF INFORMATICS Research Intern

November 2017 - May 2018 | Tokyo, Japan
 Deep Learning for Digital Typhoon Project under supervision of Prof. Kitamoto (Master Thesis)

TRACY Software Developer

April 2017- March 2018 | Stockholm, Sweden
 AI/Machine learning based algorithm for pet-health IT device.

KTH ROYAL INSTITUTE OF TECHNOLOGY Teaching Assistant

January 2017 - October 2017 | Stockholm, Sweden
 Assisting Prof. Atsuto Maki in Machine Learning Course.

KARLSRUHE INSTITUTE OF TECHNOLOGY

Research Assistant
 March 2015 - July 2015 | Karlsruhe, Germany
 Cognitive Radio under supervision of Univ.-Prof. Dr. rer.nat. Friedrich K. Jondral and Ankit Kaushik (Bachelor Thesis).

EDUCATION

KTH ROYAL INSTITUTE OF TECHNOLOGY

M.Sc in Electrical Engineering
 Sept 2015 - June 2018 | Stockholm, Sweden
 Cum GPA: 3.64/4

POLYTECHNIC UNIVERSITY OF CATALONIA (UPC)

M.Eng in Telecommunications
 Sept 2015 - June 2018 | Barcelona, Spain
 Cum GPA: 3.53/4

B.Eng in Telecommunications

Sept 2011 - Sept 2015 | Barcelona, Spain
 Cum GPA: 3.3/4

DEUTSCHE SCHULE BARCELONA

Sept 2003 - June 2011 | Barcelona, Spain
 Abitur: 2.5
 High School

PUBLICATIONS

- [1] F. Baldassarre, D. González Morín, and L. Rodés-Guirao, *Deep Koalarization: Image Colorization using CNNs and Inception-ResNet-v2*, ArXiv:1712.03400, (2017).
- [2] L. Rodés, A. Kaushik, S. K. Sharma, S. Chatzinotas, and F. Jondral, *Square-Law Selector and Square-Law Combiner for Cognitive Radio Systems: An Experimental Study*, in IEEE 84th Vehicular Technology Conference: VTC2016-Fall, 2016.

In my freetime I enjoy cooking, running and learning to play ukulele.

LINKS

Github @lucasrodes (check for projects)
 LinkedIn @lucasrodes
 Twitter @lucasrodesg

COURSEWORK

COMPUTER SCIENCE

Machine Learning • Artificial Neural Networks • Deep Learning • Artificial Intelligence • Algorithms • Information Retrieval • Unix Tools and Scripting

ELECTRICAL ENGINEERING

Signals and Systems • Digital Signal Processing • Wireless Systems • Information Theory • Probability and Stochastic Processes

ONLINE COURSES

Digital Signal Processing (Coursera) • Convolutional Neural Networks for Visual Recognition (Stanford)

SKILLS

Teamwork • Project Management • Code documentation

NATURAL LANGUAGES

Native: Spanish, Catalan
 Fluent: English, German
 Elementary: Swedish

PROGRAMMING

Advanced: Python
 Confident: Bash, SQL, Matlab, \LaTeX
 Familiar: Java, C/C++, HTML, Swift, JavaScript, CSS

TOOLS & UTILITIES

git/mercurial, GitHub/BitBucket, ssh, docker/docker-compose, CI, unittest, GNU/Linux, MacOS, Google Cloud (BigQuery, Storage, AI Platform), numpy/scipy/pandas/sklearn/tensorflow/keras, GPU, Pycharm, Xcode, Adobe Photoshop, Microsoft Office, Logic Pro, Blogging

EXTRA

Member	Telecos.cat Regional Society
Guide	Smart City Expo World Congress 2015
Organiser	Youth Association enkbronats (Cabrera de Mar, Sept 2013 - Sept 2016)
Volunteering	SJ Vietnam (Hanoi, August 2014)
DJ/Producer	Freelance, Al-Faru and Be Water
Teacher	Maths/Physics for high school students