

Lucas Rodés-Guirao

<http://lcsrg.me> | hi@lcsrg.me

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

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.

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 Systems 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, programming good practices, assertive when required.

NATURAL LANGUAGES

Native: Spanish, Catalan

Fluent: English, German

Elementary: Swedish

PROGRAMMING LANGUAGES

Advanced: Python

Confident: Bash, SQL, JavaScript/TypeScript, JSX,

Matlab, \LaTeX

Familiar: CSS, HTML, R, Java, C

TOOLS & UTILITIES

Git/Mercurial, ssh, Docker, CI/CD, unit testing, GNU/Linux, MacOS, Google Cloud Platform (BigQuery, Storage, AI Platform), numpy/scipy/pandas/sklearn/tensorflow/keras/xgboost, GPU, react native, JetBrains, VS Code, Xcode, Jira, 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 2019)
Volunteering	SJ Vietnam (Hanoi, August 2014)
DJ/Producer	Freelance, Al-Faru and Be Water
Teacher	Maths/Physics for high school students

In my freetime I enjoy cooking and playing the ukulele.