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 INTITUTE OF TECHNOLOGY
Teaching Assistant
January 2017 - October 2017 | Stockholm, Sweden
Assisting Prof. Atsuto Maki in Machine Learning Course.

KARLSRUHE INTITUTE 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 (Baschelor 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.

In my freetime I enjoy cooking and playing the 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, programing good practices, assertive when required.

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

PROGRAMMING LANGUAGES
Advanced: Python
Confident: Bash, SQL, Matlab, LaTeX
Familiar: R, Java, C, HTML, Swift, JavaScript, CSS

TOOLS & UTILITIES
Git/Mercurial, ssh, Docker, CI/CD, UnitTest, gnu/linux, MacOS, Google Cloud (BigQuery, Storage, AI Platform), numpy/scipy/pandas/sklearn/tensorflow/keras, GPU, Jetbrains, 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