

Lucas Rodés Guirao

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EXPERIENCE

KTH ROYAL INSTITUTE OF TECHNOLOGY Teacher Assistant

January 2017 – present | Stockholm, Sweden
Assistant in Machine Learning Course (Prof. Atsuto Maki).

CISCO SYSTEMS Incubator Program FY16

Nov 2015 – Feb 2016 | Barcelona, Spain and Krakow, Poland
EMEAR Engineer Incubator Program FY16

FIRA BARCELONA Volunteer Guide

November 2015 | Barcelona, Spain
Smart City Expo World Congress (SCEWC) 2015

KARLSRUHE INSTITUTE OF TECHNOLOGY

Research Assistant
March 2015 – July 2015 | Karlsruhe, Germany
Bachelor Thesis in the Communications Engineering Lab (CEL)
under supervision of Univ.-Prof. Dr. rer.nat. Friedrich K. Jondral
and Ankit Kaushik.

EDUCATION

KTH ROYAL INSTITUTE OF TECHNOLOGY

M.Sc in Electrical Engineering
(Double Degree Program UPC-KTH)
Track: Control, Systems and Robotics
Expected Grad. Jan 2018 | Stockholm, Sweden
Cum GPA: 3.39/4

POLYTECHNIC UNIVERSITY OF CATALONIA (UPC)

M.Eng in Telecommunications
Expected Grad. Jan 2018 | Barcelona, Spain
Cum GPA: 3.3/4

KARLSRUHE INSTITUTE OF TECHNOLOGY (KIT)

Exchange semester
Spring 2015 | Karlsruhe, Germany
Honours in Bachelor Thesis

POLYTECHNIC UNIVERSITY OF CATALONIA (UPC)

B.Eng in Telecom Engineering
Grad. Sept 2015 | Barcelona, Spain
Cum GPA: 3.3/4

DEUTSCHE SCHULE BARCELONA

Grad. June 2011 | Barcelona, Spain
Abitur: 2.5

PUBLICATIONS

- [1] 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 running.

LINKS

Github:// [lucasrodes](#)
LinkedIn:// [lucasrodes](#)
Twitter:// [lucasrodesg](#)

COURSEWORK

COMPUTER SCIENCE

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

ELECTRICAL ENGINEERING

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

MOOC

Digital Signal Processing • Getting Started with Python • Python Data Structures • Using Python to Access Web Data

SKILLS

Teamwork • Project Management

NATURAL LANGUAGES

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

PROGRAMMING

Over 5000 lines: Python • Matlab • \LaTeX • Java
Over 1000 lines: Bash • R
Familiar: C/C++ • HTML • SQL

TOOLS & UTILITIES

Git • ssh • Numpy/SciPy/Pandas/Scikit-learn • Jupyter Notebook • Adobe Photoshop • Office • Logic & Final Cut Pro • MacOS • GNU/Linux

EXTRA

Member President	Telecos.cat Regional Society Youth Association EnKbronats (Cabrera de Mar, Sept 2013 - Sept 2016)
Volunteer	SJ Vietnam (Hanoi, August 2014)
DJ/Producer	Freelance, Al-Faru and Be Water
Teacher	Maths/Physics for high school students