

# LUIS ANTONIO ORTEGA ANDRÉS

## PERSONAL DATA

EMAIL: [theludvins@gmail.com](mailto:theludvins@gmail.com)  
GITHUB <https://github.com/Ludvins>  
LINKEDIN <https://LinkedIn.com/in/Ludvins>

## EDUCATION

2015-2020 BACHELOR DEGREE IN COMPUTER SCIENCE  
UNIVERSITY OF GRANADA, SPAIN  
SPECIALIZED IN MACHINE LEARNING.  
2015-2020 BACHELOR DEGREE IN MATHEMATICS  
UNIVERSITY OF GRANADA, SPAIN  
SPECIALIZED IN PROBABILITY AND ALGEBRA.  
2020-NOW MASTER DEGREE IN DATA SCIENCE  
AUTONOMOUS UNIVERSITY OF MADRID, SPAIN

## PROJECTS AND COMMUNITIES

BACHELOR'S THESIS	STATISTICAL MODELS WITH VARIATIONAL METHODS VARIATIONAL METHODS OF INFERENCE AND GRAPHICAL MODELS. THEORETICAL STUDY IN CONDITIONALLY CONJUGATE MODELS AND EXTENSION BY NEURAL NETWORKS. <a href="https://github.com/Ludvins/Statistical-Models-with-Variational-Methods">https://github.com/Ludvins/Statistical-Models-with-Variational-Methods</a>	GRADE: 10/10
METAHEURISTICS	FEATURE WEIGHT LEARNING GENETIC ALGORITHMS AND OPTIMIZATION TECHNIQUES IN A CLASSIFICATION PROBLEM IN RUST. <a href="https://github.com/Ludvins/MH">https://github.com/Ludvins/MH</a>	
COMPETITIONS & HACKATHONS	TUENTI CHALLENGE 2019 & 2020 INDIVIDUAL COMPETITION WHERE YOU TRY TO SOLVE AS MUCH PROBLEMS AS YOU CAN IN A WEEK. RANKED 71 IN 2019 AND 101 IN 2020. CODEJAM 2019 INDIVIDUAL ROUND-BASED COMPETITION WHERE I PASSED FOUND ONE AND RANKED 2233 ON ROUND 2. HASHCODE 2019 & 2020 TEAM BASED COMPETITION. PARTICIPATED TWICE WHERE WE RANKED 1620 GLOBALLY IN 2019 AND 4771 IN 2020. <a href="https://github.com/Ludvins/Programming-Contests">https://github.com/Ludvins/Programming-Contests</a> HACKUPC 2019 HACKATHON ORGANIZED BY BARCELONA'S UNIVERSITY WHERE MY TEAM AND I FACED A DATA SCIENCE CHALLENGE. <a href="https://github.com/Ocete/Hack-the-Crash">https://github.com/Ocete/Hack-the-Crash</a>	
LIBREIM	NONPROFIT ORGANIZATION AIMED AT THE POPULARIZATION OF MATHEMATICS AND COMPUTER SCIENCE, SPECIALLY FOCUSED ON FREE AND OPEN-SOURCE SOFTWARE AND KNOWLEDGE. COLLABORATED ON WRITING AND CORRECTING NOTES ON SEVERAL SUBJECTS. <a href="https://libreim.github.io">https://libreim.github.io</a>	

## LANGUAGES

SPANISH: NATIVE  
ENGLISH: FLUENT - CAMBRIDGE CERTIFICATE IN ADVANCED ENGLISH - AUGUST 2020

## COMPUTER SKILLS

ADVANCED KNOWLEDGE: PYTHON,  $\text{\LaTeX}$ , GIT  
INTERMEDIATE KNOWLEDGE: JAVA, C, KERAS, PANDAS, R, LINUX, ANDROID, KOTLIN, RUST, C++  
BASIC KNOWLEDGE: HTML, MYSQL, CSS, JAVASCRIPT, C#, RUBY

## INTERESTS

TECHNOLOGY, PROGRAMMING, OPEN-SOURCE, SHARED KNOWLEDGE, APPLIED MATHEMATICS MACHINE LEARNING, DEEP LEARNING, STATISTICAL TECHNIQUES, COMPUTER VISION AND VARIATIONAL INFERENCE