Margarita Geleta

rita.geleta@jediupc.com
+34 671 668 885

EDUCATION

Universitat Politècnica de Catalunya (UPC)　　　　　　　　　　Sep. 2017 - Present
Bachelor in Data Science & Engineering　　　　　　　　　　　　*Barcelona, Spain*

· Active member in the Barcelona School of Informatics (FIB) governance.
· **Courses**: *Data Analysis, Machine Learning, Mathematical Optimization, Parallelism and Discrete Systems, Database Systems, Information Visualization, Information Retrieval and Analysis, Algorithmics, Statistics.*

Col.legi Immaculada Concepció　　　　　　　　　　　　　　Sep. 2015 - Jun. 2017
High School　　　　　　　　　　　　　　　　　　　　　　*Lloret de Mar, Spain*

· Finished High School with honors, awarded with a *Matrícula de Honor certificate.*
· 4.0 GPA Equivalent in *Mathematics, English, Technical Drawing, Chemistry* and *Philosophy.*

EXPERIENCE

JEDI Junior Enterprise (JEDI UPC)　　　　　　　　　　　　March 2019 - Present
Board of Directors　　　　　　　　　　　　　　　　　　　*Barcelona, Spain*

· Teaching assistant for *Machine Learning and Python course* (40 h).

　· Prepared coursework on multidimensional scaling, random forest classifiers and optimization.

　· Helped students with exploratory data analysis in their projects.

· Organized bimonthly workshops on Tech topics with +20 attendees. Ran introductory R language workshop.

HackUPC　　　　　　　　　　　　　　　　　　　　　　March 2019 - Present
Designer　　　　　　　　　　　　　　　　　　　　　　　*Barcelona, Spain*

· Led brand redesign in 30-person team for HackUPC 2019, Spain's largest student hackathon with 700 attendees. Designed web, merchandising and social network post templates.

FIB Visiona　　　　　　　　　　　　　　　　　　　　　October 2018 - Present
Co-Founder, Board of Directors　　　　　　　　　　　　　　*Barcelona, Spain*

· Co-founded FIB Visiona association, in charge of connecting UPC students with Tech companies.
· Directed 10-people team for the first edition of the FIB Visiona career fair with more than 200 attendees, 126 recruiters and $100,000 in sponsorships raised.

PROJECTS

Optimization Algorithms

· Implemented from zero several unconstrained optimization algorithms, including GM, CGM, BFGS, NM & MNM-Cholesky in Python. Developed a function for plotting the 2D minimization path.

Polynomial Calculator

· Implemented a calculator for operations with polynomials in C++, along with algorithms such as the Fast Fourier Transform and the inverse Fast Fourier Transform for point-value polynomial multiplication.

PlanetWalker [3D]

· Best High School research project in *La Selva* (Treball de Recerca) about video game development.
· A 3D graphics video game, written in C# and developed in Unity3D game engine.

SKILLS

Technical Skills	C++, C, C#, Python, R, HTML, CSS, JS, MATLAB, PostgreSQL, bash, git
Digital art software	Photoshop, Illustrator, Corel Painter and Autodesk

· **English**: proficient in spoken and written English. First Certificate in English (FCE) by Cambridge University (Universitat de Girona, July 2014).
· **Spanish, Catalan & Russian**: native.