

Virginia García-Loygorri Arias

MSc Bioinformatics Student | BSc Biochemistry

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Hi! I'm a curious, proactive person with a strong desire to keep learning. I'm passionate about science and enjoy working on projects where I can contribute while cultivating a positive and collaborative atmosphere. I'm committed, consistent, and always looking for opportunities to grow—both professionally and personally. Sports are also a fundamental part of my life, and I believe they've helped me develop key soft skills like discipline, resilience, and teamwork, which I apply every day in both my work and personal challenges.

Education

11th Grade (Junior Year), A&M Consolidated High School

August 2018 – May 2019, College Station, Texas, USA – International academic year in the US

Bachibac, IES Condesa Eylo Alfonso. Dual Program: Spanish Baccalaureate – French Baccalauréat

Sep. 2019 – Jun. 2020, Valladolid

BSc in Biochemistry, Complutense University of Madrid (UCM)

Sep. 2020 – Jun. 2025 · Skills: Molecular biology, research, laboratory, results analysis

Programming School Cursus, 42 Madrid by Fundación Telefónica

Jan. 2025 – Sep. 2025 · Languages: C. Skills in Linux and operating systems

MSc in Bioinformatics, International University of La Rioja (UNIR) · *Currently studying*

Sep. 2025 – Present · Skills: R and Python programming, data analysis, AI, Machine Learning

Work experience

Junior Promoter – Insurance Mediation and Distribution

Ahorro y Protección, Grupo Galilea: Mar. 2021 – Jan. 2023

Camp Leader – Overnight and Urban Camps (Ages: Primary to High School)

Capitán Cook SGD, Emozion Viajes & Viajes Encamino: Jan. 2024 – Present

Ski Instructor – Adults and Children

Spanish Ski School, La Pinilla: Jan. 2024 – Present

Scientific Research Assistant

Department of Nutrition, Faculty of Pharmacy, Complutense University of Madrid. Sep. 2024 – Jun. 2025

Project: Hepatoprotective effect of silicon in type 2 diabetes in a female rat model.

- Designed and conducted enzymatic activity assays, histology, histochemistry, and Western Blot experiments.
- Data analysis using GraphPad, SPSS, and Excel.
- Scientific writing of results for an academic research report.

Sports Record

Basketball

- 2^o place in League. Texas, USA, 2019.

Mountain Bike Downhill

- Overall Champion of Castile and León, 2018.
- Winner of the Spanish Open, Cadet category, 2018.
- Spanish Champion, Under-23 category, 2021.
- Overall Champion of Madrid, 2023.
- International competitions: DHI Boticas (POR), 3rd place (2023).

Portfolio



Skills

- **Languages**
 - Spanish: Native, English: C1, French: B2, German: Learning (<A2)
- **Leadership and teamwork in multidisciplinary environments**
- **Clear and precise communication**
- **Innovative approach to integrating biosciences and technology**
- **Creative problem-solving and critical thinking**
- **Adaptability and continuous learning in demanding environments**