

Experienced Mathematics educator and content creator, skilled at explaining complex concepts clearly and engagingly. I have developed curricula and video-based materials for students from grade 6 to college, with strong attention to detail and a collaborative mindset. Proficient in LaTeX, HTML, CSS, JavaScript, and video editing tools like DaVinci Resolve and Adobe Premiere.

CONTACT

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Spain

SKILLS

- Skilled at explaining complex concepts in a clear, effective, and engaging way.
- Extensive experience in creating educational video content.
- Proficient in markup languages for design and mathematical representation: LaTeX, HTML & CSS, JavaScript, GeoGebra Script.
- Experienced in developing curricula, assessments, and educational publications.
- Skilled in designing educational materials for students from grade 6 through college level.
- Proficient with video recording equipment and editing software, including DaVinci Resolve, Adobe Premiere, and After Effects.

LANGUAGES

Certificate of Proficiency in English (CPE)
University of Cambridge
Native Spanish speaker

EDUCATION

- 2001 **Master's degree computer science– UPV**
2007: **Universidad Politècnica de València**
Specialization in Computer Graphics. My final project (PFC) consisted of programming a web portal developed in PHP, JavaScript, and CSS.
- 2006 **Master's in Multimedia Applications for the Internet.– UPV**
2007: **Universidad Politècnica de València**
Php, JavaScript, Adobe Illustrator, CSS, Adobe Photoshop, Indesign, Action Script, Adobe AfterEffects, Adobe, Motion graphics, Adobe Premiere among other technologies.

EXPERIENCE

- 2007-2009
Full-Stack Developer & designer- Grupo Forja & Freelance
Between 2007 and 2011, I worked in digital development and design, first as part of the founding team of Forjanetwork, where I created digital solutions using PHP, JavaScript, CSS, HTML, and ActionScript, and handled web design with Adobe tools. I collaborated directly with clients, managing briefings and meetings. Later, I co-founded a web design and development studio, delivering projects for a variety of clients, including an online store, a digital resource bank, a foundation, and a rural hotel.
- Since 2009
Math digital content developer
 - 2009-Today
Mathematics Educator and Curriculum Developer
Developing activities and materials, and actively teaching and tutoring K-12 students. Proficient in Office 365: Teams, PowerPoint, Excel, Word, and SharePoint. Extensive teaching experience, delivering lessons to students aged 12–18. Team coordination, specifically in the mathematics area. Educational project management.
 - 2017-2018
Math Teacher - CBE Canadá (Alberta)
Mathematics Teacher in Calgary (Alberta) as part of a Ministry of Education's International Program, teaching English to Canadian native students. Taught Grade 10 and Grade 11 at William Aberhart High School.
 - 2017-2022
Master's in Education – Teacher Training Program - Universidad Europea
In the mathematics specialization, I have taught as part of a team of professionals, focusing on the use of GeoGebra software and how to incorporate computational thinking into the classroom.
 - Creation and editing of video tutorials on the use of GeoGebra, programming, and digital tools for the classroom.
 - Integration in BlackBoard Learn and other platforms
 - 2019-2025
Applet Developer - GeoGebra -Wiley-Britannica Education EMEA
I've worked as a freelance and as a part of an international and multidisciplinary team, I programmed my own applets as well as reprogrammed educational applications developed in Maple using GeoGebra software. This involved translating the control logic from one language to another while preserving the original intent. Some of these applets were integrated into a web environment, exchanging data with the server.
 - Slack, Trello, Miro.
 - GeoGebra authoring, programming in GGBScript.
- 2025 **Programming with JavaScript - Coursera (Meta)**
- 2025 **Designing Information: Telling Stories with Data in Illustrator – Domestika**
- 2023 **Applied Animation in Python with Manim – Augusto González-Bonorino, Udemy**
- 2023 **Creative coding with JavaScript – Bruno Imbrizi, Domestika**
- 2015 (42 horas) **Cliil Methodology & Ict Tools For Teachers Working With Cliil ETI (Malta)**

RECENT PROFESSIONAL DEVELOPMENT