

Joel Alamillo Juarez

Music Technology Specialist

Music Technologist and Software Developer with a background in Computer Systems Engineering and a Master's degree in Music Composition.

Experienced in music notation, MusicXML workflows, and digital score production. Founder of a music publishing platform focused on educational content, sheet music, and editorial processes.

Combines software development, music education, and user-focused design to build tools that enhance musicians' workflows and learning experiences.



CONTACT DETAILS



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alamillojuarez@gmail.com



alamillojuarez

LANGUAGES

English



Spanish



SKILLS

Music & Notation:

MusicXML
Sheet music engraving
Music theory & composition

Tech:

Flutter
Git / GitHub
Web development
QA testing (API, manual)

Databases: SQL (Basic queries, table design).

Operating Systems: Windows, macOS & Linux

Design Tools: Adobe Creative Cloud (InDesign, Photoshop, Illustrator), Video Editing.

AI-Enhanced Development: Prompt Engineering, GitHub Copilot, AI-driven code optimization.

Mobile Development: Flutter SDK, Dart, Responsive Design.

- Teamwork
- Creativity
- Leadership
- Management
- Communication



PROFESSIONAL EXPERIENCE

2023-PRESENT

MUSIC PRODUCER & TEACHER

Linda Vista University

Taught music theory, composition, and performance at university level.

Guided students in music notation, score reading, and digital tools.

Integrated technology into music education workflows.

2016-PRESENT

MUSIC SOFTWARE DEVELOPER & FOUNDER

www.nuevaarmonia.com

Developed and managed a digital platform for music publishing and score distribution.

Worked extensively with MusicXML, sheet music engraving, and editorial workflows.

Designed visual and educational music content for students and musicians.

Built web-based tools using Flutter and integrated payment systems (Stripe).

Applied software engineering principles to ensure accuracy in music representation



EDUCATION

2023-2025

B. S. SYSTEMS ENGINEERING

UVEG

2019-2021

MASTER DEGREE IN MUSIC COMPOSITION AND ARRANGEMENT

Tito Puente University

2013-2017

BACHELOR OF MUSIC EDUCATION

Higher School of Music Education