

Alexandra Buga

ABOUT

Interdisciplinary cultural practitioner and incoming MSc candidate in Digital Culture & Advanced Digital Technologies (University of Piraeus, Dept. of Informatics). Combines an academic background in Balkan Studies and Cognitive Science with applied skills in 3D photogrammetry (Agisoft Metashape), spatial GIS mapping, CAD modeling (Fusion 360), and material craft practices. Co-founder of a cultural non-profit dedicated to heritage documentation. Seeking archaeological field collaborations, research grants, and professional opportunities in digital heritage documentation



CONTACT

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EDUCATION & FIELD TRAINING

- MSc in Digital Culture, Smart Cities, IoT & Advanced Digital Technologies University of Piraeus, Department of Informatics, Greece | Incoming Oct 2026
- Digital Tools for Cultural Heritage Management (Field School) The Heritage Management Organization (HERITAGE), Greece | 2026
- Foundations of User Experience (UX) Design (Professional Certificate) Google via Coursera | 2025
- MSc in Cognitive Science & Language University of Barcelona, Spain | 2011
- BA in Balkan Studies University of Western Macedonia, Greece | 2009

LANGUAGES

- English (Proficient)
- Greek (Native)
- Russian (Native)
- Spanish (Basic)
- Romanian (Basic)

PROFESSIONAL EXPERIENCE

Co-Founder

Topikos Tropikos — Greece | 2026 – Present

- Co-founded a non-profit organization focused on cultural heritage preservation, documenting traditional artisans, and safeguarding local craft practices.
- Developing digital documentation workflows integrating 3D spatial mapping and close-range photogrammetry for heritage registry projects.
- Managing organizational setup, interdisciplinary research, and partnership networking with cultural practitioners and institutions.

Founder / Independent 3D Product & Jewellery Designer

Self-Initiated Practice — Greece | 2018 – 2024

- Founded an independent design practice, hand-fabricating custom jewelry collections while seamlessly integrating modern digital techniques into the creative workflow.
- Modeled custom 3D digital assets, specialized tools, and functional components using Fusion 360 CAD and 3D printing.
- Managed e-commerce operations, product photography, and digital content curation across online platforms.

TECHNICAL SKILLS & METHODOLOGY

- **Digital Heritage & 3D:** Image-based Photogrammetry (Agisoft Metashape — Ground & Drone), Spatial Mapping (GIS), CAD Modeling (Fusion 360, Blender), 3D Printing & Digital Fabrication.
- **UX & Design:** Digital Asset Curation, Interface Prototyping (Figma), UX Fundamentals.
- **Material & Craft Practice:** Ceramic Practice & Hand-Building, Jewelry & Product Design, On-Field Data Acquisition.