

Ioanna Kalamakidou

joannakalam@gmail.com

EDUCATION

- 2025 - today **Master in Robotics STEAM and Emerging Technologies in Education, International Hellenic University**
- 2020 - 2025 **Diploma in Product & Systems Design Engineering, University of Western Macedonia**
- Diploma thesis: "Interactive Virtual Reality Application for Training in Modern Construction Technologies"
- Degree with a grade of 8.84/10 "Excellent"

PUBLICATIONS

- 2025 - today **Conference Papers**
- Kalamakidou, I., Tzotzis, A., Spahiu, T., & Kyratsis, P. (2025, October). VR Applications in Engineering Design Education: a 3D Printing Related Case Study. In International Conference on Textile Conference & Conference on Engineering and Entrepreneurship (pp. 124-129). Cham: Springer Nature Switzerland.
- Ναζλίδου Ι., Καλαμακίδου Ι., Ευκολίδης Ν., Κυράτσης Π., (2025), «Σχεδιασμός και ανάπτυξη εκπαιδευτικής εφαρμογής εικονικής πραγματικότητας για την διδασκαλία του καλλιτεχνικού κινήματος De Stijl», Ψηφιακά Μέσα στη Σύγχρονη Εκπαιδευτική Πραγματικότητα, Απρίλιος 2025, Πρέβεζα, Ελλάδα .

DISTINCTIONS

- Nov. 2025 **Student participation award in the "Global Pack" packaging label competition**
- Category: Packaging Design for Non-Alcoholic Beverages
- Jan. 2025 **Distinction Awards for Excellence, University of Western Macedonia**

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EDUCATION

- 2026 - today **PhD Candidate**
Doctoral thesis: "Design and manufacture of products/system based on CAD"
- 2025 - today **Master in Robotics STEAM and Emerging Technologies in Education, International Hellenic University**
- 2020 - 2025 **Diploma in Product & Systems Design Engineering, University of Western Macedonia**
Diploma thesis: "Interactive Virtual Reality Application for Training in Modern Construction Technologies"
Degree with a grade of 8.84/10 "Excellent"

PUBLICATIONS

- 2025 - today **Conference Papers**
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DISTINCTIONS

- Feb. 2026 **Distinction Awards for Excellence, University of Western Macedonia**

- Nov. 2025 **Student participation award in the "Global Pack" packaging label competition**
Category: Packaging Design for Non-Alcoholic Beverages
- Jan. 2025 **Distinction Awards for Excellence, University of Western Macedonia**
- Nov. 2024 **Award in a competition for the design of aluminum beverage cans in Serbia**
Organized by Ball Corporation and the Department of Graphic Arts, Faculty of Technical Sciences, University of Novi Sad.
- Jun. 2023 **3rd prize in the Innovation & Entrepreneurship Competition organized by the Entrepreneurship Unit of the University of Western Macedonia**

RESEARCH EXPERIENCE

- 2023 - today **Laboratory CODE+ Lab – Computational Design and Digital Fabrication Lab**
- Research team member
- Participation in competitions, scientific publications, and presentations

TECHNICAL & RESEARCH SKILLS

Computational & Parametric Design

Rhino: Grasshoper, Inventor

Digital Modeling & Manufacturing

Blender, UltiMaker Cura, 3D Printing

Creation of Interactive Experiences

Unity, VR/ AR

Programming

Python (advanced level)
Python for CAD programming
C# (basic level)
Arduino

LANGUAGES

Greek

Native language

English

Michigan Proficiency English Degree