KONSTANTINOS LAMPROPOULOS

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SKILLS

- Python
- Database Design
- MySQL
- Arduino IDE
- C/C++
- PLC Programming
- VHDL
- Wordpress
- CSS/HTML
- Machine Learning
- Computer Vision
- Tensorflow

PROFESSIONAL EXPERIENCE

Automation Engineer │ Kotronis Packaging *03/2023 - Present*

- Contributed to the design and implementation of 3 camera systems, and programmed them to conduct product inspections on a production line, ensuring a 99.8% accuracy rate in identifying defects. This resulted in increased productivity and a 60% reduction in reliance on human resources for product inspections, enabling a more effective allocation of resources.
- Designed and implemented automation systems utilizing PLC programming such as a production line for efficient application of labels on caps and an automation device for chechking air flow in the mould of a machine.
- Development of the programme for Robots in a production line.

Web Developer │ Webix *09/2023 - Present*

- Co-Founder of the startup Web Developing company Webix.gr
- Development of 4 websites using Wordpress, CSS and HTML.

Teaching assistant │ University of Patras *01/2022 - 07/2022*

- Assisted at "COMPUTER PROGRAMMING II" and "ELECTRONICS LABORATORY" courses, supporting over 80 students per semester.
- Guided students in conducting experiments, providing hands-on assistance to ensure accurate data collection and analysis as well as reviewed and corrected student exercises.

Physics Private Tutor *09/2017 - 08/2022*

- in Secondary and Higher Education, with a focus on undergraduate students.

EDUCATION

University of Patras

- Bachelor Degree in Physics. Specialization in Electronics, Computers and Signal Processing.
- MSc Studies in "Electronics and Information Processing".
- MSc Thesis in " Remote Sensing - Ship segmentation from SAR images".

Brno University of Technology

- MSc Erasmus+ studies in Faculty of Electrical Engineering and Communication (FEEC). Focused on Machine Learning Algorithms and Communication Systems, with practical lab experience.

Hellenic Open University

- MSc studies in Adult Education at Hellenic Open University.

LANGUAGES

- Greek, Native speaker
- English, C2, University of Michigan
- German, B1, Goethe Institute
- Portuguese, limited working proficiency