

FRISELA SKENDAJ

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Profile

I am a dedicated and well-organized individual, always willing to further improve my skills. I enjoy setting new goals for myself and always aim to achieve them. My passion is the fields of Electronics, Embedded Systems, Robotics, Sensors and Bioengineering.

Education

UNIVERSITY OF WEST ATTICA | October 2018 – OCTOBER 2023
| Department of Electrical & Electronics Engineering – M.Eng Grade 1:1 (First Class)

UNIVERSITY OF BATH | MAY 2023 – OCTOBER 2023
| Department of Electronic & Electrical Engineering.

Certificates & Licenses

- Cambridge English B2 – Certificate in ESOL International (May 2015)
- ECPE C2 CaMLA – Certificate of Proficiency in English (December 2016)
- Driving License (July 2020)

Experience

Laboratory Research Assistant | UNIVERSITY OF WEST ATTICA – MicroSENSES Lab
| July 2022 - Present

- Participated in the Abstract paper about flexible strain sensors with screen-printed inks on flexible substrates, under different temperatures, for the MicroNano International Conference (September – December 2022).
- Participated in the Abstract paper submitted to the ISFOE Conference about a Thermochromic ink-based screen-printed device with embedded electronics, serving as a preventive measure against heatstroke and skin cancer. The associated scientific paper, will be subsequently published. (March 2023 - Present).

Intern | UNIVERSITY OF BATH – Centre for Biosensors, Bioelectronics and Biodevices
| May 2023 – September 2023

- Participating in the development and research of flexible PCB non-invasive glucose sensor devices (May 2023 – Present).

Projects

- 1. Robotic Vehicle with Automatic Watering Plant System (June 2022)
- 2. Wearable flexible skin-temperature sensor with embedded electronics (March 2023 – Present)
- 3. AI MATLAB Perceptron (March 2022)
- 4. AI MATLAB MLPs (April 2022)
- 5. AI MATLAB Confusion Matrix (May 2022)
- 6. Home-security system (January 2023)
- 7. C# Console Application – Device Vendor Finder (June 2021)

Skills & Abilities

- MCUs (Arduino, ESP32)
- C/C++
- Assembly
- VHDL
- FPGAs
- Altium PCB design
- MATLAB
- AutoCAD
- MySQL
- English (Proficient)
- Greek (Native)
- German (Elementary)
- Hardworking
- Problem – Solving
- Assiduous
- Ambitious
- Critical Thinking

Activities and Interests

Reading Books, travelling, volunteering, and cooking/baking.

References

References can be provided upon request.