





Katsikarelis Antonios

✉ kats.antonis@hotmail.com


🌐 AntonisKats

☎ +30 6971853472






Employment History

- Oct. 2023 – present  **Software Technology EngD Trainee.** Eindhoven University of Technology, Eindhoven, Netherlands
- Mar. 2023 – Oct. 2023  **Math Tutor.** Patras, Greece
- May 2022 – Mar. 2023  **IT Support Specialist.** Hellenic Army, Soufli, Greece
- Mar. 2021 – Jan. 2022  **Research and Development Engineer.** Laboratory for Manufacturing Systems and Automation(LMS), Department of Mechanical Engineering and Aeronautics, University of Patras, Patras, Greece


Education

- Oct. 2015 – Mar. 2022  **MSc, University of Patras³, Patras, Greece,** Electrical and Computer Engineering Department (ECE).
Field of specialisation: *Signals, Systems and Automation Control*
Thesis title: *Robotic arm teleoperation via the Internet with the use of mixed reality technology*



Skills

- Languages  Strong reading, writing and speaking competencies for English and Greek.
- Coding  C/C++, OpenMP, C#, Python, Java, Matlab, LabVIEW, Bash, ROS₁, ROS₂, Unity
- Coding Tools  CMake, Git, GitHub
- Hardware  Raspberry Pi, Arduino and Teensy microcontroller
- Soft Skills  Adaptability, Time Management, Teamwork, Creativity, Problem-Solving



Research Publications

- 2022  Loukas Prezas, George Michalos, Zoi Arkouli, **Antonis Katsikarelis**, Sotiris Makris.
"AI-enhanced vision system for dispensing process monitoring and quality control in manufacturing of large parts", <https://doi.org/10.1016/j.procir.2022.05.144>

Certifications

- 2013  **Proficiency of English(C₂),** awarded by the University of Michigan.
- 2011  **Intermediate in German(B₁),** awarded by the Goethe Institute.

Awards and Achievements

- 2015  **Highest score in Panhellenic Exams in Achaia Region** , awarded by Eurobank.
-  **Second highest score in Panhellenic Exams in Greece,** awared by President of Greece Prokopis Pavlopoulos.

References

Available on Request