MARGARITA FILENKO

Software Developer | IoT & Embedded Systems

Availability: Internship / Trainee / Summer Job / Part-Time

CONTACT DETAILS

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🔗 www.linkedin.com/in/margarita-filenko-280805mf

⚙ https://github.com/MargoFill

My Website:
https://margofill.github.io/my_website/

LANGUAGE

English (fluent)
Finnish (lower intermediate)
German (intermediate)
Russian (native)

HARD SKILLS

-Cybersecurity: Nmap, Wireshark, Kali, Linux
-Programming languages: Python, C++, Java, HTML/CSS, Kotlin, Flet, MATLAB
-Embedded & IoT: Embedded Systems, Sensors & Data Networks
-Cloud Platforms: Azure, AWS
-Database: MySQL, Microsoft Access
-Version control: Git, GitHub
-AI and Machine Learning: PyTorch, TensorFlow, Scikit, Jupyter

SOFT SKILLS

-Problem-solving
-Time management
-Adaptability
-Interpersonal skills
-Leadership

Hands-on experience in embedded systems, IoT solutions, and data networks. Skilled in Python, C++, cloud platforms, and cybersecurity tools, with practical experience gained through international internships and team-based engineering projects. Strong background in developing and testing real-world IoT applications, data monitoring systems, and secure network solutions.

PREVIOUS WORK EXPERIENCE

05/2025-09/2025 Internship at ESTIA Institute of Technology, Bidart, France (Embedded Programmer + Data Networks Specialist)
08/2024-05/2025 Volunteer as a Student Tutor, Savonia UAS, Kuopio, Finland
05/2024-07/2024 Housekeeper in N-Clean Oy, Kuopio, Finland
03/2024-04/2024 Post worker in SSM Oy, Kuopio, Finland

PROJECTS

09/2025-12/2025 Team CS project "Development of IoT Honeypot"
05/2025-09/2025 Internship work on "IoT devices to optimize the use of rainwater for garden irrigation"
10/2024-12/2024 Team UI project "Local music jukebox", Savonia UAS
09/2024-12/2024 Team project "GPS Real-Time data monitoring", Savonia UAS
01/2024-05/2024 Team project "Noise measurement and data collection device", Savonia UAS

EDUCATION

08/2023-ongoing Bachelor of Engineering and IT (Internet of Things), Savonia University of Applied Science, Kuopio, Finland
08/2025-12/2025 Exchange studies, Chung-Ang University, Seoul, South Korea