

# Salma Salimi

📍 Turku, Finland    ✉ salmas@utu.fi    ☎ +358 466 65 5374

🌐 <https://salmasalimi275.wixsite.com/portfolio>    in salma-salimi    🌐 salmasalimii

## Personal Profile

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Project manager with two years of experience leading industrial projects in an electrical manufacturing environment focused on NGRs, load banks, and locomotive dynamic brakes. Currently a project manager trainee at Wärtsilä, gaining hands-on experience in coordinating large-scale projects. My academic research at the University of Turku involved multi-robot collaboration using distributed ledger technologies, where I integrated ROS2 frameworks with Hyperledger Fabric blockchain to support secure and decentralized robotic coordination.

## Experience

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**Project Manager Intern, Wärtsilä, Turku, Finland** *May 2025 – Present*

- Assisted in coordinating project activities and monitoring progress, ensuring milestones were tracked and objectives met.
- Prepared documentation, progress reports, and status updates, gaining hands-on experience with project management tools and reporting systems.

**Robotics Researcher, University of Turku, Turku, Finland** *May 2021 – Present*

- Collected and preprocessed UWB datasets and implemented ML/DL models (KNN, SVM, MLP) for real-time human posture recognition.
- Designed a pose estimation pipeline to translate predicted postures into robot motion commands.
- Integrated ROS 2 frameworks in Python with Hyperledger Fabric (Go) for secure and scalable multi-robot communication and data management.
- Implemented and validated attribute-based access control (ABAC) to maintain data integrity and consistency in multi-robot experiments.

**Project Manager, Paarsun Electric Company, Zanjan, Iran** *May 2019 – May 2021*

- Managed technical, financial, and manufacturing aspects of projects, overseeing coordination, budgeting, and execution.

**Electrical Engineer, Tarh Azmoon Bana (TAB), Zanjan, Iran** *June 2018 – May 2019*

- Designed electrical installations for buildings, including power distribution, lighting, and safety systems.

## Education

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**Ph.D in Information and communication Technology.** *University of Turku, Finland* *2022 – Present*

**M.Sc. in Electrical Engineering.** *University of Tabriz, Iran* *2017 – 2019*

**B.Sc. in Electrical Engineering.** *University of Zanjan, Iran* *2012 – 2016*

## Skills

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**Project Management:** *Microsoft Project, JIRA, Teams Task Scheduler, Power BI*

**Programming:** *Python, Go, Matlab, SQL*

**Software & Tools:** *ROS2/ROS1, Gazebo, Rviz, Docker, Linux, Github*

**Libraries:** *Scikit-learn, PyTorch, NumPy, Pandas, OpenCV, Matplotlib, Seaborn*

## Languages

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**English** *Fluent*    **Swedish** *Intermediate*    **Turkish** *Fluent*    **Persian** *Native*