



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE \_\_6098\_\_

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di** \_\_\_\_\_

Scientist- in - charge: \_\_\_\_\_ **Prof. Bettini Claudio** \_\_\_\_\_

[Azin Moradbeikie]

## CURRICULUM VITAE

### PERSONAL INFORMATION

Surname	Moradbeikie
Name	Azin

### PRESENT OCCUPATION

Appointment	Structure
R&D and PhD researcher	CiTin

### EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree			
Specialization	Computer engineering	IPVC	2022
PhD	Computer engineering	University of Isfahan	2021
Master	Computer engineering	Universityy of Reza	2015
Degree of medical specialization	-	-	-
Degree of European specialization	-	-	-
Other			

### REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City

### FOREIGN LANGUAGES

Languages	level of knowledge
English	Good

### AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS



Year	Description of award
2012	Rated within the top 10 percent of the student of same field and same year of admission - University of Sistan and Baluchestan

## TRAINING OR RESEARCH ACTIVITY

description of activity
I work as assistance professor for one semester in University of Hormozgan, Iran and I was co-supervisor for three master student.

## PROJECT ACTIVITY

Year	Project
2021	A Cost-effective LoRaWAN-based IoT Localization Method Using RSSI
2019	An IIoT based ICS to improve safety through fast and accurate hazard detection and differentiation
2023	Collaborative Indoor Positioning System (CIPS)

## CONGRESSES AND SEMINARS

Date	Title	Place
2022	Low-cost traffic sensing system based on LoRaWAN for urban areas	Italy
2020	A fog based approach for hazards differentiation in an IIoT scenario	China
2023	Improving LoRaWAN RSSI-based Localization in Harsh Environments: A Harbor Use Case	Italy
2023	Towards Secure Edge-Based LoRaWAN for Next Generation Wireless Communications	Portugal
2023	Improving BLE Fingerprint Radio Maps: A Method based on Fuzzy Clustering and Weighted Interpolation	USA
2023	Ergonomic Posture Assessment and Tracking for Industrial Cyber-Physical-Human Systems: A Case Study in the Heavy Metalworking Industry	USA
2023	RELIANCE: A Reliable and Power Efficient LoRaWAN Optimization Approach for IoT Systems – 2023	Portugal
2023	Improving LoRaWAN Fingerprint-based Localization by Detecting and Eliminating Noisy RSSI Measurements	Portugal

## PUBLICATIONS

Journals
Moradbeikie, A., Keshavarz, A., Rostami, H., Paiva, S., & Lopes, S. I. (2023). A cost-effective LoRaWAN-based IoT localization method using fixed reference nodes and dual-slope path-loss modeling. <i>Internet of Things</i> , 24, 100990.
Moradbeikie, A., Keshavarz, A., Rostami, H., Paiva, S., & Lopes, S. I. (2021). GNSS-free outdoor localization techniques for resource-constrained IoT architectures: A literature review. <i>Applied Sciences</i> , 11(22), 10793.
Moradbeikie, A., Jamshidi, K., Bohlooli, A., Garcia, J., & Masip-Bruin, X. (2020). An IIoT based ICS to improve safety through fast and accurate hazard detection and differentiation. <i>IEEE access</i> , 8, 206942-206957.
Moradbeikie, A., Abrishami, S., & Abbasi, H. (2016). Creating Time-Limited Attributes for Time-Limited



Services in Cloud Computing. *International Journal of Information Security and Privacy (IJISP)*, 10(4), 44-57.

Moradbeikie, A., Keshavarz, A., Rostami, H., Paiva, S., & Lopes, S. I. (2021). Improvement of RSSI-based LoRaWAN localization using edge-AI. In *International Summit Smart City 360°* (pp. 140-154). Cham: Springer International Publishing.

**Articles in reviews**

Improving RSSI-Based LoRaWAN Localization Accuracy Through Merging EKF with Path-Loss modeling and Map-Matching

A dataset for RSSI based outdoor localization using LoRaWAN in a harbor as an industrial environment with harsh, dynamic, and high humidity situation

**Congress proceedings**

RSSI-Based Localization in Industrial Environments: A Wi-Fi/BLE Hybrid Approach

**Important Taken Courses**

Network Security, Applied Cryptography, Security Protocols, Database Security

**Important Given Courses**

Network Security

References	Affiliation	Email	Phone
Ahmad Keshavarz	Professor (PGU)	a.keshavarz@pgu.ac.ir	(+98) 9173731896
Ali Bohlooli	Associate Professor (UI)	bohlooli@eng.ui.ac.ir	(+98) 3137935622

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: 05/01/2024, Arcos de Valdevez/Portugal