Nima Esmi
Senior Software Engineer

I'm eager to come up with new academic-business ideas and rectify the collaboration shortcomings between industry and academia.

🏠 Gafsheh, Rasht, Guilan, Iran

✉️ n.esmi.rudbardeh@rug.nl

📱 +989377498066

💍 Single

🧠 SKILLS

- Team Management
- Teaching
- Arduino
- Python
- C
- TensorFlow

💬 LANGUAGES

Persian
Native

English
English Proficiency Certificate

Dutch
Elementary

Germany
Elementary

📇 MEMBERSHIPS

- IEEE Computer Society

INTERESTS

Plants

Cycling

Renewable energy

🎓 EDUCATION

2022-Present/PhD/ Software Engineering
Faculty of Science and Engineering, at the University of Groningen, Groningen, The Netherlands
Thesis Title: Tackling Depression Diagnosis Challenges with Multimodal Data and AI

2013-2016/MSc/ Software Engineering
Islamic Azad University Science And Research Branch
Thesis Title: The role of Big Data and Internet of Things in Healthcare

2008-2013/BSc/ Software Engineering
Islamic Azad University of Lahijan
Thesis Title: Radio Frequency Identification and its Applications

🧠 EXPERIENCE

2020- Present/ Teaching assistant/ Big Data, Seminar, Thesis (BSc-MSc)
University of Guilan

2020- Present/ Instructor of IoT, Deep Learning, and Big Data
Maharat Sabz Institute

2022- Present/Academic Project
Data fusion for Smart Grid Analysis

2021- Present/Academic Project Manager
Transformation Based Suicide Sentences Detection

2021- Present/Instructor of IoT course
Project-oriented teaching / smart Flowerpot

2021- Present/Instructor of Deep Learning
TensorFlow and Deep Learning

2020- Present/Embedded-Smart Systems
- Design and construction of intelligent Emergency power systems
- Smart Greenhouse

2020- Present/Solar Power Systems
Design and construction of solar power systems

📚 PUBLICATION

2023/Suicide Documents Detection Based on Dimensionality Expansion
IEEE Transactions on Computational Social Systems (Submitted)

2023/A Cost-Sensitive Machine Learning Model With Multitask Learning for Intrusion Detection in IoT
IEEE Transactions on Industrial Informatics

2023/A fuzzy fine-tuned model for COVID-19 diagnosis
Computers in Biology and Medicine

2015- 2017/Basic concepts of the Internet of Things
Book (Persian)

2017/Internet of Things: Components, Applications, and Challenges
Journal Paper (Persian)

👥 REFERENCES

Georgi Gaydadjiev
Professor
G.N.Gaydadjiev@tudelft.nl

Asadollah Shahbahrami
Professor
a.shahbahrami@rug.nl