

Alessandro Pani



Employment History

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| January 2024 – September 2024 | ■ Tutor DM Faculty of Science , University of Cagliari, Avviso di Selezione 5/2024 del 19/01/2024, winner at Repertorio 21/2024 of 12/02/2024. |
| February 2024 – July 2024 | ■ Teaching Tutor Programming 2 , University of Cagliari, Avviso di Selezione 225/2023 del 17/11/2023, winner at Repertorio 246/2023 of 13/12/2023. |
| October 2023 – April 2024 | ■ Tutor Buddy , University of Cagliari, Avviso di Selezione 96/2023 del 22/06/2023 , winner at Repertorio 136/2023 of 08/08/2023. |

Education

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| 2023 – | ■ Master's Degree in Computer Science - Applied Artificial Intelligence , University of Cagliari - In progress. |
| 2020 – 2023 | ■ Bachelor's Degree in Computer Science , University of Cagliari 110/110 cum Laude. Tesi: <i>An AI Approach to EEG-based Emotion Recognition using a Consumer Device.</i> , Relator: Daniele Riboni, author: Alessandro Pani |
| 2015 – 2020 | ■ Diploma in Computer Science , I.I.S. Michele Giua 100/100 |

Publications

Conference Proceedings

- 1 Alessandro Pani, A. Loddo, L. Putzu, L. Zedda, and C. D. Ruberto, "Miriams: Models integration for reliable identification and accurate multiple sclerosis segmentation," in *AIHA 2024: 3d International Workshop on Artificial Intelligence for Healthcare Applications. Workshop at ICPR 2024 (accepted paper)*.
- 2 Alessandro Pani, A. Loddo, L. Putzu, L. Zedda, and C. D. Ruberto, "Mslesseg 2024 challenge - msunicateam's technical report," in *MSLesSeg: ICPR 2024 Competition on Multiple Sclerosis Lesion Segmentation (accepted paper)*.
- 3 M. Sanguinetti, Alessandro Pani, A. Perniciano, L. Zedda, A. Loddo, and M. Atzori, "Assessing italian large language models on energy feedback generation: A human evaluation study," in *CLiC-it 2024 – Tenth Italian Conference on Computational Linguistics (accepted paper)*.

Skills

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| Languages | ■ B1-level English language certification obtained through the University of Cagliari's CLA project. |
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Skills (continued)

Coding  Java, Python, Matlab, C
Databases  MySQL, PostgreSQL, MongoDB.

Academic Projects Experience

Projects Management

- 2024  **MaxFlow-Comparison**, max flow comparison algorithm: FIFO preflow push vs Shortest Augmenting Path - University of Cagliari. <https://github.com/alepani37/MaxFlow-Comparison.git>
authors: Alessandro Pani, Filippo Concas
-  **MIRIAMS** Models Integration for Reliable Identification and Accurate Multiple Sclerosis Segmentation - <https://github.com/alepani37/MIRIAMS.git> author: Alessandro Pani
-  **Food-Classification**, Image Food Data classification project - University of Cagliari. <https://github.com/alepani37/progettoCV.git> authors: Alessandro Pani, Filippo Concas
-  **Digits-Clustering**, Image data point clustering project - University of Cagliari. <https://github.com/alepani37/Digits-Clustering.git> authors: Alessandro Pani, Luca Garau, Filippo Concas
- 2023  **Emotion AI**, EEG based emotion recognition, Bachelor's degree thesis- University of Cagliari. <https://github.com/alepani37/EmotionAI.git>, authors: Alessandro Pani, Luca Garau

Committees

- 2024  **MSLesSeg 2024**, 8th place Brain Lesion Segmentation Challenge. <https://github.com/alepani37/MSLesSeg.git>. link to challenge description and leaderboard <https://iplab.dmi.unict.it/mfs/ms-les-seg/>
-  **SEBD 2024**, Local Organizing Committee.
-  **Large Language Models for Information Management**, participation in seminar activity at University of Cagliari.

Autorizzo il trattamento dei dati personali nel CV secondo D. Lgs. 196/2003 e Regolamento UE 2016/679.