David Wies M.Sc.

Software Developer

GitHub: david-wies   LinkedIn: David Wies   ✉ david.wies1@gmail.com   ▯ 050-7152542

Education

2019 - 2023   **M.Sc. in Computer Science**, *The Hebrew University of Jerusalem*
Research: Planning under partial observability.

2016 - 2018   **B.Sc. in Computer Science and Mathematics**, *The Hebrew University of Jerusalem*

Master Thesis

Title   *Helpful Information Sharing for Partially Informed Agent*
Supervisor   Prof. Jeffrey S. Rosenschein
Description   Finding the minimal additional information that the helper should share with the actor in order for the actor to be able to find a successful plan.

Publication

Title   *Helpful Information Sharing for Partially Informed Planning Agents*
Authors   Sarah Keren, David Wies, Sara Bernardini
Conference   International Joint Conferences on Artificial Intelligence Organization, 2023

Experience

2022   **Algorithm developer**, *OrCam*
Developing, training, analyzing, and comparing deep learning models for speech separation, speaker extraction, and loudest speaker extraction.

Skills & Relevant courses

Highly

- Python
- Pandas
- Matplotlib
- Deep learning
- NumPy
- PyTorch
- Planning (Artificial Intelligence)
- Speech enhancement

Familiar

- C
- Java
- C++

Relevant courses

- Introduction to data science
- Advanced topics in machine learning
- Image-processing
- Probabilistic methods in artificial intelligence

Languages

Hebrew   Native
English   Full professional proficiency