Manuel Pasieka

Machine Learning & Software Development Expert

> I am eager to work in a team of experts in the field of machine learning and artificial intelligence in which I can contribute my skills and expertise in the area of software development and data analysis in order to solve problems of automatic decision making and general artificial intelligence (e.g. learning, search and decision making).

Contact

- Valencia, España
- manuel.pasieka@protonmail.ch
- github.com/mapa17
- linkedin.com/in/manuelpasieka

Skills

- Software Development
- Machine Learning
- Data Analysis

Languages

- German
- Spanish
- Python
- English

References

Dr. Attila Gyenesei
Head of Bioinformatics & Scientific Computing (VBCF)

Dr. Wulf Haubensak
Group Leader, Institute of Molecular Pathology (IMP)

Dr. Leopoldo Armesto
Lecturer at Universitat Politècnica de València (UPV)

Experience & Education

Master in Artificial Intelligence
current - 2018
UNIR
Master Thesis: Not defined yet

Scientific Software Engineer
current - 2012
Biocomp / Vienna Biocenter Core Facilities
Developing serval data analysis applications used by neuroscience researchers to study the amygdala circuit in the mouse brain.

In particular application to automatically quantify and analyze animal behavior, and software to process and analyze neuronal activity.

Research Assistent
2012 - 2011
Universidad Politécnica de Valencia
Developing a simulation environment controlled by a stationary replica of a autonomous vehicle.

Master in Parallel and Distributed Computing
2012 - 2011
Universidad Politécnica de Valencia
Master Thesis: "Peer selection and Bandwidth allocation methods in BitTorrent Systems"

Embedded System Engineer
2010 - 2007
Adaptivia GmbH
Programming of 16 bit low power SoC devices for wireless underground sensor networks.

Bachelor of Technical Informatics
2009 - 2005
Technical University Vienna
Bachelor Thesis: "Course Timetabling using Constraints satisfaction programming"

Various Internships
2007 - 2000
Database Developer
System Administrator
Infrastructure Maintances
Warehouse clerk
Project Assistant

Publications

Pliota, P., Böhm, V., Grössl, F., Griessner, J., Valenti, O., Kraitsy, K., Kaczanowska, J., **Pasieka, M.**, Lendl, T., Deussing, J. M. and Haubensak, W. (2018)'Stress peptides sensitize fear circuitry to promote passive coping', *MolecularPsychiatry*.

Pliota, P., Böhm, V., Grössl, F., Griessner, J., Valenti, O., Kraitsy, K., Kaczanowska, J., **Pasieka, M.**, Lendl, T., Deussing, J. M. and Haubensak, W. (2018)'Stress peptides sensitize fear circuitry to promote passive coping', *MolecularPsychiatry*.

Pliota, P., Böhm, V., Grössl, F., Griessner, J., Valenti, O., Kraitsy, K., Kaczanowska, J., **Pasieka, M.**, Lendl, T., Deussing, J. M. and Haubensak, W. (2018)'Stress peptides sensitize fear circuitry to promote passive coping', *MolecularPsychiatry*.

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