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

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*.

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*.