Rosaria Silipo   Tel. +49 151 19106726   rosariasilipo@yahoo.com

Curriculum vitae

Nome	Rosaria Silipo
Cell. Phone	+49 151 19106726
E-Mail	rosariasilipo@yahoo.com
Birthplace and birthdate	Firenze (Italy), 13.11.1965

Professional Experience

Jan 2025 – May 2025 - Guest Teacher at University of Constance

Developed and taught a short course on AI & Data Science, with introduction to basic concepts of data engineering, data analytics, and machine learning and final hands-on project.

Sep 2019 – present - KNIME AG - VP of Data Science Evangelism

Led the design and execution of a comprehensive community strategy to reach, engage, and empower KNIME users at all levels—including students, educators, coders, customers, and local communities. Fostered growth and learning through a wide range of initiatives: courses, blogs, videos, public presentations, blueprints, components, books, conferences, awards, data science challenges, and both local and academic events. Mentored and managed a team of 20 data science evangelists.

Nov 2015 – Sep 2019 - KNIME AG – Principal Data Scientist

Led Data Science Projects on: IoT, customer intelligence, cybersecurity, NLP, social media, financial services, image processing.

Jan 2013 - Nov 2015 - KNIME AG – Data Scientist

Working on data science projects, mainly in IoT and customer intelligence domain.

May 2009 - Jan 2013 - Self-employed – Data Science Consultant

Worked with a number of banks in Zurich and with KNIME on a variety of data science projects for accounting and financial services

Apr 2007 - May 2009 – Viseca / Aduno Gruppe – Head of Data Science Development

Leading a group of four data science developers, productionizing data engineering and data science solutions, with SAS software

May 2002 - Apr 2007 – Spoken Translations – Senior Software Engineer

Developed a speech to speech translation application within a group of software engineers, using C# and .NET.

Apr 2000 - May 2002 – Nuance Communications – Research Engineer

Trained, deployed, and packaged machine learning models for speech recognition engines in a number of different languages.

Education

Aug 1997 – Apr 2000 – University of California at Berkeley – Postdoc

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Postdoctoral research on speech and biomedical signals

Apr 1996 - Aug 1997– Siemens Munich (Germany) – Postdoc

Postdoctoral research on chaotic systems

Sep 1996 – National Italian doctorate program – Bioengineering Doctorate

Doctorate in automatic analysis of biomedical signals using neural networks.

Sep 1992 – University of Florence (Italy) – Laurea in Electrical Engineering

Thesis on automatic analysis of the electrocardiographic signal using statistical methods and neural networks.

Skills

AI, Data Science, Machine Learning, Corporate Management, Deep Learning, Community Management, KNIME, SQL, Python.

Languages

English (fluent), Italian (native), German (advanced)

Achievements

Author of more than 50 scientific publications, a large number of blog and journal articles, 5 books from the KNIME Press, one book from Springer (Guide to Intelligent Data Science, 2019), and one book from Packt (Codeless Deep Learning with KNIME, 2020).

On the cover of "Digital First " journal (February 2024)
(https://www.digitalfirstmagazine.com/magazine-february-2024/)

Updated on: 09.05.2025.