

Thomas Rosso

✉ thomas.rosso65@gmail.com | 🌐 thomasredz | 🌐 thomas-rosso

EXPERIENCE

BidPremium SRL

Apr. 2021 – Apr. 2022

Software/AI Engineer | Computer Vision & AI Specialist

Udine, Italy

- Led the development and improvement of AI-driven software for defect recognition in production systems, improving detection accuracy.
- Designed and implemented an API server for AI-based card grading systems, enabling automated and scalable solutions.
- Spearheaded data collection and dataset creation, ensuring high-quality training data for AI and machine learning models.
- Developed software to digitize information from paper into structured, actionable data for manufacturing workflows.
- Collaborated with cross-functional teams to deploy solutions, enhancing production efficiency.

R.D. Service

Feb 2016 - Apr 2016, Feb 2018 - Apr 2018

Electronic Technician

Udine, Italy

- Installed and configured electronic devices, providing technical support to clients.
- Developed strong communication skills through direct customer interaction.

KEY PROJECTS

Wine Price Prediction in Italy: Developed time-series models using ARIMA and Logistic Regression. Analyzed results for real-world applications.

For more detailed project descriptions and additional work, explore [My Portfolio](#) or visit my [GitHub](#).

EDUCATION

Università degli Studi di Padova (UNIPD)

Sep 2022 - Present

M.Sc. in Data Science

Padua, Italy

- Specializing in Machine Learning, Big Data, and Artificial Intelligence.
- Focus on engineering, statistics, and data-driven decision-making.

Università degli Studi di Udine (UNIUD)

Sep 2018 - Apr 2022

M.Sc. in Data Science

Padua, Italy

- Multidisciplinary course covering computer science, data structures, algorithms, and human-computer interaction.

Instituto Superior Técnico (IST)

Sep 2023 - Jun 2024

Erasmus Exchange Program

Lisbon, Portugal

- MGained experience in cross-cultural teamwork while specializing in Data Science and Big Data Analytics.

SKILLS

Languages : Python, Java, C++, R, JavaScript, PHP, MySQL, PostgreSQL, HTML, Node.js

Frameworks & Libraries : PyTorch, TensorFlow, OpenCV, NumPy, Sklearn, Flask API, React (Basic), Django (Basic)

Tools & Software : Git, AWS, Jupyter Notebook, VS Code, Pycharm, LaTeX, Microsoft Office

Data Science Techniques : Machine Learning, Statistical Analysis, Data Visualization, Time Series Analysis

Languages : Italian (Native), English (Proficient), Spanish (Basic)