

FRANCESCO SAVERIO COMISSO

M.SC.

Software Consultant, Data Engineer, AI and optimization expert

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PERSONAL DATA

- Date of birth 02/11/1993
- Nationality Italian
- Sex Male

EXPERIENCE

Software Consultant

MSC Software | Hexagon, manufacturing intelligence

October 2019 – Ongoing Udine, Italy

- Development and maintenance of CAE and CAD solution
- SimManager and AdamsCar integration for client company
- SimManager product support
- Gathering functional requirements
- Elaboration of requirements for cost effective solutions
- JavaScript, Python, PERL customization
- C++ development
- Apache spark integration
- HPC SLURM configuration

Machine Vision Intern

Beantech s.r.l.


March 2019 – Sept 2019 Udine, Italy


- Deep learning using PyTorch and Python
- Anomaly detection on high resolution stereoscopic images
- UNet, Resnet19, transfer learning
- C++, deployment on Nvidia devices
- Data integration, acquisition and visualization
- C# Cloud Development and integration of machine vision services using Docker and Orleans
- RabbitQM integration

MY LIFE PHILOSOPHY

*"Be present in the moment. Work smart.
Be kind."*

MOST PROUD OF

 **Quipks Quantum Model Checker**
SaverioFrancesco/quipks

 **Smarter Futures**
Global Sales Kick off conference of Hexagon
| MSCSoftware

COMPETENCES

Hard-working Eye for detail
Motivator & Leader Independent
Fast learner Friendly and open minded
Fantastic Attitude for Presentation

Avid Reader Proficient Writer LaTeX

C++ CMake
Embedded Systems OpenGL
Linux system programming CUDA
bash / shell

Cloud computing Apache Spark Docker

DevOps kanban Agile Lean methodology

Statistical Analysis Data Visualization
Machine Vision NLP R

Local search Optimization

EDUCATION

Master’s degree in computer science and technology

University of Udine

📅 october 2016 - march 2019 📍 Udine, Italy

- Discrete Optimization
- Automated Reasoning and Logical methods
- Machine learning and AI
- Formal methods and Model Checking

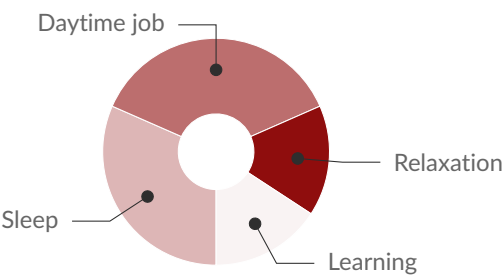
Bachelor’s degree in computer science and technology

University of Udine

📅 october 2012 - march 2016 📍 Udine, Italy

- Software Engineering
- Scientific Computing
- Algorithms and data structures
- Databases and networks

A DAY OF MY LIFE



PUBLICATIONS

Journal Articles

- Marco Comini Francesco Saverio Comisso, Alicia Villanueva (2019). “Towards a bottom-up fixpoint semantics that models the behavior of PROMELA programs”. In: *PAROLE 19*.

EasyLocal Hybrid methods

Minizinc Advanced Algorithms

Java C PHP Mathlab Python

TensorFlow PyTorch

Keras OpenCV

Computer Vision

LANGUAGES

English ● ● ● ● ●

Italian ● ● ● ● ●

German ● ● ● ● ●

REFEREES

Prof. Agostino Dovier
@ Department of Mathematical, Computer and Physical Sciences University of Udine
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PERSONAL DATA TREATMENT

In compliance with the GDPR UE n. 2016/679, and the Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document



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