

## CONTACT

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🌐 [linkedin](#)

🌐 [github](#)

## CODE SKILLS

- Python
- SQL (PostgreSQL)
- React.js with tailwindCSS
- Bash/Linux
- .NET

## WEB SKILLS

- HuggingFace
- Kaggle/Google-Colabs/Runpod
- AWS/Azure
- Trello
- Docker
- Git/Github

## PYTHON PACKAGES

- Numpy
- Pytorch
- Pandas
- Pygame
- FastApi
- SQLAlchemy
- Faiss
- Ollama

# TONY RMAILI

## AI-SOFTWARE DEVELOPER



A motivated Python developer with a solid foundation in AI and theoretical physics. With a strong background in mathematics and physics, experience includes teaching and tutoring, which has contributed to a deep understanding of complex technical concepts. Skilled in problem-solving and eager to expand expertise in software development, bringing a strong work ethic to every project. Working on side projects with AI and gaming during free time.

## INTERSHIP

### • Digital Engine 2024 - PRESENT

Digital Engine works with automating processes for their clients. I've developed a project that assigns resources with AI and delivered to one of our clients. I also built an internal tool that enhances our production workflows through fine-tuned AI models. Currently, I'm working on my thesis.

## EDUCATION

### • Nackademin Python programming with AI 2023 - 2025

- Pythonprogramming I
- Business Management
- Database Technology
- Devops
- Web Frameworks with Python
- Machine Learning, Theory and Practical Application
- Machine Learning and Deep Learning
- LIA I and II
- Thesis

### • ITHS Göteborg Online Course 2023 - 2023

- Python programing with AL and ML

### • Stockholms Universitet Teoretical Physics 2013-2018

- Mathematics up to Calculus 4
- Mathematics up to Algebra 2
- Classical Mechanics
- Thermodynamics
- Electromagnetism
- Quantum Mechanics
- Optics and Wave Motion
- Python programming for mathematics and science

## WORK EXPERIENCE

### LANGUAGE SKILLS

- **Swedish** - Proficient in speaking and writing
- **English** - Proficient in speaking and writing
- **Arabic** - Proficient in speaking

### REFERENCES

- **Tobias Fors**  
Programming Teacher  
at Nackademin  
• [tobias.fors@nackademin.se](mailto:tobias.fors@nackademin.se)
- **Gabriel Bergqvist**  
Machine Learning Teacher  
at Nackademin  
• [gabriel.bergqvist@nackademin.se](mailto:gabriel.bergqvist@nackademin.se)
- **Per Defalva**  
CEO at Digital Engine  
• [per.defalva@digitalengine.se](mailto:per.defalva@digitalengine.se)

- **Covid19 tester** 2020-2022  
Sodexo, Södertälje

Responsible for daily Covid-19 testing of AstraZeneca employees, with a focus on accurately documenting tests performed. The goal is to enhance workplace safety by ensuring systematic and reliable recording of test results.

- **Elementry School Teacher** 2018-2020  
Blombackaskolan, Södertälje

Teacher in Chemistry and Physics for junior high (Grades 7-9), responsible for three classes. Conducted teaching, grading, and evaluation according to school guidelines. Managed a high workload. Established and maintained a personal laboratory, including implementing safety procedures for experiments.

- **Leisure Educator** 2015-2018  
Säbyskolan, Salem

Responsible for creating a safe and inspiring environment for children during school hours. Planned and led activities, supported children's development, and promoted a positive community. Collaborated closely with parents and other staff to provide a comprehensive and enriching school experience for the children.

- **Parking Attendant** 2014-2015  
Europark, Stockholm

Monitored parking areas by patrolling with a car and occasionally being stationed on-site. Actively supervised to maintain order and security.

- **Private Tutor** 2013-2014  
MyAcademy, Stockholm

Organized scheduled meetings for individual tutoring at students' homes. Responsibilities included teaching and support in mathematics and science subjects, with a focus on creating study structures and planning. Adapted teaching to each student's needs and learning style, creating a positive learning environment.

Over 10 years of experience as a private tutor in addition to the job at MyAcademy

- **Assistant Store Manager** 2009--2013  
Cafe Bellevue, Södertälje

Assistant store manager at a café: Responsible for a versatile role that included performing various tasks and supporting the store manager in operations. Carried out tasks such as managing the cash register system, placing orders, inventory management, serving, and baking. Actively trained staff and contributed to an efficient and pleasant work environment. Maintained high standards of customer service and worked to optimize the café's daily operations

