



As an experienced knowledge engineer, I can bring my expertise to your organization in the fields of robotic process automation, Natural Language Understanding, and new technologies in general.

## SKILLS

Photoshop	=====
HTML	=====
Python	=====
ReactJS	=====
Javascript	=====
Docker	=====
Git	=====
Databases	=====
OWL	=====
Bootstrap	=====
Django	=====
Flask	=====
NLP	=====
Swift	=====
scikit-learn	=====
Tensorflow	=====
Pytorch	=====
Tailwind	=====
Wordpress/CMS	=====
CSS	=====
English	=====
Russian	=====
Spanish	=====
French	=====
Japanese	=====

## CONTACTS

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# SIMONE MARTIN MAROTTA

## Work Experience

### KNOWLEDGE ENGINEER

2021 - Present | Expert.AI, Naples (IT)

- Designing and developing effective NLP hybrid solutions exploiting traditional ML and LLM models
- Developing RAG chatbots with both proprietary and opensource Large Language Models
- Monitoring and analyzing the performance of existing prompts, making necessary changes to optimize effectiveness
- Following the full life cycle of AI projects and implementing Agile and Dev/MLOps techniques
- Acting as NLP partner to customers using expert.ai technology
- Frontend and backend solution design and implementation
- Contribution to closeout phase, collecting lessons learned, and sharing best practices with project team and community members

### ENGLISH TEACHER

2021 | Istituto Scolastico Sant'Agostino, Aversa (IT)

- Planning and delivering English lessons for kindergarten learners
- Utilising classroom management techniques to improve efficiency of lessons
- Enriching the lesson by including additional audio-visual material

### MUSIC VIDEO TECHNICAL ASSISTANT

2020 | Stre\_musica

- Creation of animated clips from still photos using AI
- Technical consultation and editing assistance

### FREELANCE TRANSLATOR

2019 | Upwork

- Italian localisation of Clients app for iOS
- Italian localisation of N Music for Android

### ACTIVITY LEADER

2019 | St. Giles Juniors, Bournemouth (UK)

- Welcoming students and orientation
- Monitoring welfare and discipline
- Leading activities and groups during excursions
- Encouraging engagement in social programme
- Supervising arrivals/departures

## REFERENCES

Dr. Vincenzo Masucci  
EU Financed Projects Lead  
Expert.AI  
Napoli (IT)  
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Mr. Nathan Price  
Centre Manager  
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Ms. Suzie Hayes Fisher  
Academic Registrar  
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Dr. Johanna Monti  
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## ACADEMIC INTERN

2018 | Brighton Language College, Brighton (UK)

- Teacher assistance and children supervision
- Orientation and groups coordination
- Excursions guide
- Lesson planning
- Attendance keeping

## RECEPTION DESK

2015 | Naples Immigration Office, Naples (IT)

- Issuing residence permit to non-EU citizens
- Cultural mediation
- Database updating
- Reception

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## Education

### MASTER'S DEGREE - TECHNICAL TRANSLATION

2017 - 2020

Università degli Studi di Naples L'Orientale, Naples (IT)

- Graduated 110/110
- Skills in specialized and professional texts translation
- Awareness of phenomena related to interaction of cultures
- Optimization of work through the use of IT resources

### APPLE IOS FOUNDATION PROGRAM

2018

Università degli Studi di Naples L'Orientale, Naples (IT)

- First place in admission list
- Development of publishable app in 1 month (Swift)
- Demo of the product at European Researchers' Night '19, national science fair 'Futuro Remoto' and University of Westminster (London)
- Honing of soft / hard skills and team working

### FIT - INITIAL FORMATION AND TRAINEESHIP FOR TEACHERS

2018

Università degli Studi di Naples L'Orientale, Naples (IT)

- Anthropology
- Pedagogy
- Teaching to migrants
- Teaching to people with special needs

### BA - LINGUISTIC AND CULTURAL MEDIATION

2012 - 2016

Università degli Studi di Naples L'Orientale, Naples (IT)

- Graduated 102/110
- Promotion of activities related to multilingualism and interculturalism
- Teaching language learning techniques
- Digital texts localization and CAT tools

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## Publications

- From Diverse Sources to a Unified Framework:  
Constructing an Operational Ontology for Fire Management

[Link](#)

## Certifications

- [EUROPEAN RESEARCHERS' NIGHT 2019](#)
- [REFERENCE LETTER - ST. GILES](#)
- [SAFEGUARDING FOR ACTIVITY STAFF - ACCREDITATION UK](#)
- [CRIMINAL RECORDS CHECK](#)
- [CHILDREN PROTECTION AND SAFEGUARDING - CHILDREN FIRST](#)
- [REFERENCE LETTER - BRIGHTON LANGUAGE COLLEGE](#)
- [FUTURO REMOTO - SCIENCE FAIR](#)
- [IOS FOUNDATION PROGRAM](#)
- [TRADOS COURSE CERTIFICATE](#)
- [TRADOS STUDIO SEMINAR](#)
- [BA DEGREE](#)
- [MASTER'S DEGREE](#)