Luigi Procopio

procopio@di.uniroma1.it | poccio.github.io

EDUCATION

SAPIENZA UNIVERSITY
M.Sc. in Engineering in Computer Science
Jan 2019 | Rome, Italy
Final grade: 110 cum Laude
Final GPA: 29.5

ROMA TRE UNIVERSITY
B.Sc. in Computer Engineering
Oct 2016 | Rome, Italy
Final grade: 110 cum Laude
Final GPA: 28,74

MASSIMILIANO MASSIMO
Classical High School
Jul 2013 | Rome, Italy
Final grade: 100 cum Laude

LINKS

Github: **poccio**
LinkedIn: **luigi-procopio**

COURSEWORK

GRADUATE
Machine Learning
Natural Language Processing
Neural Networks
Data Mining
Advanced Operating Systems
Cloud Computing

UNDERGRADUATE
Software Design
Operating Systems
Functional Programming
Object Oriented Programming
Web Programming

SKILLS

LANGUAGES
Italian: Mother tongue
English: Fluent (CAE Cambridge Level)

PROGRAMMING
Proficiency: Java • Kotlin • Python

FRAMEWORKS
ML: PyTorch • PyTorch Lightning
Web: Spring Boot • Flask

DEVOPS
Docker • Kubernetes

RESEARCH

PHD STUDENT | Sapienza University
Nov 2019 – Current | Rome, Italy

- PhD Student in Natural Language Processing
- Currently working on Semantic Parsing and Word Sense Disambiguation
- PhD advisor: **Prof Roberto Navigli**

HONOURS PROGRAMME | Sapienza University
Jul 2018 – Jan 2019 | Rome, Italy

- Worked with **Prof Luca Becchetti** on Network Medicine
- Explored a novel graph-based approach to disease gene prioritization

SELECTED PUBLICATIONS

- Edoardo Barba, **Luigi Procopio**, Caterina Lacerra, Tommaso Pasini and Roberto Navigli. Exemplification Modeling: Can You Give Me an Example, Please? Accepted at *IJCAI 2021*
- **Luigi Procopio**, Edoardo Barba, Federico Martelli and Roberto Navigli. MultiMirror: Neural Cross-lingual Word Alignment for Multilingual Word Sense Disambiguation. Accepted at *IJCAI 2021*
- **Luigi Procopio**, Rocco Tripodi and Roberto Navigli. SGL: Speaking the Graph Languages of Semantic Parsing via Multilingual Translation. In *Proceedings of NAACL 2021*

WORK EXPERIENCE

BABELSCAPE | NLP Engineer
Oct 2018 – Jun 2020 | Rome, Italy

- Worked on and shipped Extraggo 2.0 - a multilingual semantic keyword extraction tool presented at **ACL Florence 2019**
- Worked across multiple components of the proprietary NLP pipeline

FLOATY | Full Stack Software Developer Intern
Apr 2016 – Sep 2016 | Rome, Italy

AWARDS

2019	Sapienza	**Best Graduate top-400** for academic year 2017-2018
2018	Sapienza	Master's degree Honours Programme
2018	CyberChallenge	**Top-20** at regional admission qualification
2017	Sapienza	**Wanted the Best** Scholarship for academic merits
2013	MIUR	Enrollment in **Albo Nazionale delle Eccellenze**
2013	MIUR	Scholarship from **MIUR** for academic merits

ADDITIONAL EXPERIENCES

2018	Sapienza	Italian **CyberChallenge** programme
2012	American University	**iD Tech** Programming Academy