

# 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

## WORK EXPERIENCE

### BABELSCAPE | NLP ENGINEER

Oct 2018 – Jun 2020 | Rome, Italy

- Worked on and shipped Extraggio 2.0 - a multilingual semantic keyword extraction tool presented at **ACL Florence 2019**
- Worked horizontally across multiple components of the proprietary NLP pipeline, considerably boosting up performances

### FLOATY | FULL STACK SOFTWARE DEVELOPER INTERN

Apr 2016 – Sep 2016 | Rome, Italy

- Design and Implementation of an Indoor Positioning System
- Worked both on the development of the web interface as a full stack developer and on the actual implementation of the positioning system

## PUBLICATIONS

- **Procopio Luigi**, Rocco Tripodi and Navigli Roberto. SGL: Speaking the Graph Languages of Semantic Parsing via Multilingual Translation. Accepted at **NAACL 2021**
- Barba Edoardo, **Procopio Luigi**, Campolungo Niccolò, Pasini Tommaso and Navigli Roberto. MuLaN: Multilingual Label propagation for Word Sense Disambiguation. In *Proceedings of IJCAI 2020*

## AWARDS

2019 Sapienza

2018 Sapienza

2018 CyberChallenge

2017 Sapienza

2013 MIUR

2013 MIUR

**Best Graduate top-400** for academic year 2017-2018

Master's degree Honours Programme

Top-20 at regional admission qualification

**Wanted the Best** Scholarship for academic merits

Enrollment in **Albo Nazionale delle Eccellenze**

Scholarship from **MIUR** for academic merits

## ADDITIONAL EXPERIENCES

2018 Sapienza

2012 American University

Italian **CyberChallenge** programme

**iD Tech** Programming Academy