

# Luigi Russo

---

Curriculum Vitae

*The minutest speck of the living  
Is worth more than all that I'll ever do on this earth.*  
~V. Majakovskij

---

## Education

2021	<b>Summer School - Foundations and Frontiers of Probabilistic Proofs</b> , <i>ETH</i> , Zurich, Switzerland.
Description	Graduate school co-organized by UC Berkeley and the University of Warwick, on proof protocols for delegating computations
2021	<b>Research Engineer</b> , <i>EURECOM</i> , Sophia Antipolis, France.
Description	7 months research activity on Rerandomizable RCCA-secure public-key encryption schemes and Identity-Based encryption
Supervisor	prof. Antonio Faonio
2018-2020	<b>M. Sc. Computer Engineering</b> , <i>Sapienza University</i> , Rome, Italy.
GPA	29.71/30
Final Grade	110/110 cum laude
Thesis	<i>Matchmaking Encryption against Chosen-Ciphertext Attacks</i>
Advisors	prof. Daniele Venturi and prof. Riccardo Lazzeretti
2018-2019	<b>Mentee at LeadTheFuture</b> .
Description	Series of talks on DevOps, Site Reliability and Release Engineering
Mentor	Nicola Timoncini - Google, Zurich (Switzerland)
2017	<b>CyberChallenge 2017</b> , <i>Sapienza University</i> , Rome, Italy.
Description	Member of the first edition of Italian Cyberchallenge, a training program in cybersecurity

2015-2018	<b>B. Sc. Computer and Systems Engineering</b> , <i>Sapienza University</i> , Rome, Italy.
GPA	29.4/30
Thesis	<i>Minerva</i> , RoR Platform for Open-Access papers management
Final Grade	110/110 cum laude
Advisor	prof. Leonardo Querzoni
2014	<b>Skysef</b> , <i>Shizuoka Kita Youth Science Engineering</i> , Shizuoka, Japan.
Description	Annual International Forum on Energy
Project	Energy for life
2010-2015	<b>High School</b> , <i>Classical Lyceum "A. Gatto"</i> , Agropoli, Italy.
Final mark	100/100

---

## Publications

2021	Oliva <i>et al.</i> - Risks and Protective Factors Associated With Mental Health Symptoms During COVID-19 Home Confinement in Italian Children and Adolescents. doi:10.3389/fped.2021.664702
------	--

---

## Projects

### Supervised Projects

During my time at EURECOM, I had the possibility to supervise, together with prof. Faonio, the following semester's spring projects.

Title	<b>Implementing Rerandomizable Public Key Encryption Schemes</b>
Student	Canitano G.

Title	<b>Implementing SNARKs: Verifiable Computation on Encrypted Data</b>
Student	Richard D.

### Other Projects

2020	<b>Ped-Pan.</b> The advent of pan-enteric capsule endoscopy in pediatric Crohn's disease, <i>Sapienza University</i> , Rome, Italy.
Role	Data manager

2020	<b>Understanding Kids.</b> Effects of Home Confinement on Children during the Covid-19 Outbreak in Italy, <i>Sapienza University</i> , Rome, Italy.
Role	Data curation and formal analysis
2020	<b>Milites</b> , <i>Visual Analytics tool for Roman battles and wars</i> .
Description	Born as a university project, milites is an innovative d3.js tool for Visual Analytics on ancient Roman history.
2020	<b>Simple Biblio</b> , <i>Android epub reader</i> .
Description	An Android ebook reader written in Kotlin that allows downloading ebooks from open libraries and catalogs.
A more detailed list is available at <a href="https://github.com/lrusso96">github.com/lrusso96</a>	

---

## Computer Skills

Coding C, C++, JAVA, PYTHON, RUBY,  $\text{CONTEXT}$ ,  $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$

---

## Languages

<b>Italian</b>	Native
<b>English</b>	Self-assessment (CEFR)
Reading	C1
Listening	B2
Speaking	B2
Writing	B2

---

## More

Blog	I manage a personal blog with cryptography-related notes, exercises, and theoretical definitions, collected as a set of Jekyll posts
Wikimedia	I am an autopatrolled user on Wikipedia and Wikidata, with more than 7k global contributions. I have also developed a set of scripts to make the patrolling easier
Interests	Russian literature