Matteo Giorgi
Curriculum Vitæ

🌐 www.geoteo.net
🐙 github.com/matteogiorgi
✉ mattegiorgi@gmail.com
📱 (+39) 3385311520

BIO & EDUCATION

BIRTH	Born in Pisa (Italy), 18 June 1987
HIGH SCHOOL	Scientific high school diploma, *Liceo Scientifico F. Enriques* (Livorno - Italy)
UNIVERSITY	Studies in Mechanical Eng. at the Department of Mechanical Engineering, *University of Pisa*
	Currently finishing B.Sc. in Computer Science at the *University of Pisa*

AREAS OF INTEREST

I am very keen on programming languages and I often find myself playing with a new language trying to improve my skills; this has made me focused on *Functional Programming*, experimenting with languages such as *Ocaml*, *Haskell* and *Scala*.

I am interested in *Cryptanalysis* too, spending some time in the field of *Lattice Theory*, because of its implications regarding elliptic-curve and post-quantum cryptography.

PROGRAMMING & SOFTWARE

LANGUAGES	*C/C++*, *Java*, *Python*, *Javascript*, *Go*, *Ocaml*, *Common Lisp*, *Bash*
UNIX	*GNU/Linux* and *FreeBSD* system management, *C* system programming, good knowledge of *POSIX* standard
TOOLS	Experience with various software such as *Vim*, *Emacs*, *Git*, *LATEX* *Matlab* and *Wolfram Mathematica*
EXTRA	Knowledge of *Sql*, *HTML* and *CSS*

LANGUAGES

ITALIAN	Mother tongue
ENGLISH	Advanced use in speaking and writing, *Cambridge C1 Advanced (IELTS 7.0)*
FRENCH	Basic understanding in speaking and writing, *DELF A2* certification

EXPERIENCES & PROJECTS

CNR PROJECT	Experience, together with a colleague of mine, as a *Python* programmer inside the *CNR* offices in Pisa, helping in the realisation of a scale model for blind people. The project was under the supervision of Doctor Furfari from *CNR* and Professor Pelagatti from *UniPi*.
LAB ASSISTANT	Worked, together with Professor Pelagatti as lab assistant for the *C* laboratory exam at *B.Sc. in Physics*.
RSA REPORT	Independent studies, under the supervision of Professor Romani from *UniPi*, regarding the attacks that exploit the *RSA* cryptosystem vulnerabilities with a specific focus on the *Wiener Attack* and its use of continued fractions for the factorization of the *RSA* module.
.UDOT	Public repository of all my *GNU/Linux* scripts and config. files, written over time. The main purpose of the project is to build a stable personal environment complete with all the tools needed to work efficiently.
HACKATHON	First place in the 2021 edition of *ContHackt*, organized by the *University of Pisa* and *Contamination Lab Pisa*. As winner, our team had access to the 2021/2022 *EUAcceL* project organized by the *European Institute of Innovation and Technology* and won the final stage with a blockchain prototype for the tracking of food products.

COMPETITIVE SPORTS

More than ten years of *sailing* activity at both national and international level in Optimist, 420 and 470 class, most of which among the ranks of the Junior National Team. Competed in several prestigious regattas, above all *Kiel Week* and *Barcolana* as the two largest sailing events in the world. Other major achievements:

NATIONAL	Ranked first once and qualified among the first ten Italian Juniors other four times. Among others, winner of a *Young Barcolana*, a *Mediterranean Cup* and one *Trofeo Accademia Navale Juniores*.
INTERNATIONAL	Competed, as a member of the Italian National Team, in one World Championship (Qingdao - China), three European Championships (Tavira - Portugal, Dublin - Ireland, Riva dal Garda - Italy) and classified vice-champion in one European Team Championship (Berlin - Germany).