

FRANCESCO MECCA

PERSONAL INFORMATION

Date and
Place of Birth: 1995, Mantova (MN), Italy

Email: me@francescomecca.eu

Nationality: Italian

Github: github.com/FraMecca

Personal Blog: francescomecca.eu

Personal git: francescomecca.eu/git/explore/repos

EDUCATION

09/2008 –
06/2014

Scientific High School “Galileo Galilei” of Macerata

Sezione sperimentale piano nazionale informatica (Progetto Brocca)

10/2014 –
07/2017

Polytechnic University of Turin

Bachelor of Science in Computer Engineering

All the classes and the exams were attended in English

Grade: 93/110

CERTIFICATIONS

09/2014

CAE

Certificate of advanced English

Grade: C1/C2

LANGUAGES

ITALIAN
Mother tongue

ENGLISH
Very Fluent

SKILLS

Programming Languages	<ul style="list-style-type: none">• Java (University)• C (Self taught, University)• Python (Self taught)• D (Self taught)• Kotlin (Self taught)
Databases	<ul style="list-style-type: none">• MySQL, MariaDB, Sqlite (University)• Kyotocabinet (Self taught)
VCS	<ul style="list-style-type: none">• Git (Self taught)• Subversion (University)
Operating Systems	<ul style="list-style-type: none">• Advanced programming in the Linux environment• High proficiency in the Linux operating system, kernel, shell• Currently using Gentoo on my personal computer• Skills in bare metal programming
Most relevant books read	<ul style="list-style-type: none">• H. Cormen, Introduction to Algorithms• H. Abelson, G. Sussman, Structure and Interpretation of Computer Programs• E. S. Raimond, The Art of Unix Programming• J. Kurose, K. Ross, Computer Networking: a Top-Down Approach• J. Gustedt, Modern C• A. Alexandrescu, The D Programming Language

WORK EXPERIENCES

06/2016 - 08/2016 **Intern for the Berkman Klein Center for Internet and Society**
(cyber.law.harvard.edu)

During Summer 2016 I worked as an intern for the Berkman Klein center of the Harvard University (US) with the collaboration of the Nexa Center for Internet and Society of the Polytechnic of Turin (nexa.polito.it/people/fmecca) where I developed the Network of Centers Semantic Wiki (noc-wiki.nexacenter.org/view/Main_Page)

09-2017 -
07/2017

Back-end Developer for FARE

(fare.polito.it)

FARE (Free Architecture for Remote Education) is a smart learning environment developed at the Polytechnic of Turin for the professors Angelo Raffaele Meo and Marco Mezzalama by me and Leonardo Favario.

FARE is currently used as a learning platform for the developing of MOOCs and remote lessons for hospitalized children.

FARE won the second prize in the contest "Talent Italy" indicted by MIUR, Ministero dell'istruzione, dell'università e della ricerca, Italy's education ministry (<http://attiministeriali.miur.it/anno-2016/novembre/dd-07112016.aspx>)

05-2017 -
Ongoing

Network Of Centers Knowledge Platform

The Global Network of Internet and Society Research Centers (networkofcenters.net) is a collaborative initiative among academic institutions with focus on interdisciplinary research regarding the broad range of issues around internet and society.

In this context I am building an interdisciplinary repository of research papers and educational documents.

The platform allows both students and researchers to explore this wealth of knowledge and educate themselves in a broad range of topics.

10-2017 -
Ongoing

Research assistant in computer security at UCSB

Starting October 2017 till April 2018 I am working as a research assistant for Giovanni Vigna and the Shellphish team at the security lab of the University of California Santa Barbara (UCSB).

The focus of my research is on the exploitation and weaknesses of machine learning models applied to malware detection.