

## PERSONAL INFORMATION

## Luigi Chiricosta



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 luigichiricosta@gmail.com

 <https://luigichiricosta.github.io/>

 Replace with type of IM service Telegram

Sex M | Date of birth 13/01/1993 | Nationality  Italian

JOB APPLIED FOR  
POSITION  
PREFERRED JOB  
STUDIES APPLIED FOR  
PERSONAL STATEMENT

Programmer in medical field, like bioinformaticists.  
Available for PhD opportunities.  
Interested in machine learning and images analysis.

## WORK EXPERIENCE

01/10/2014 – 30/04/2015

## Programmer

Antlia S.R.L., Milan, Italy

- Operating systems: Windows e Linux
- Programming languages: Android, Java, XML, HTML, SQL, HSQL, Vaadin, Jboss, Hibernate, JavaScript, CSS.

Business or sector Programming.

## EDUCATION AND TRAINING

01/10/2015 – 26/09/2017

## Doctor in Bioinformatics (110/110)

Second level master in Bioinformatics, Alma Mater Studiorum ,Bologna, Italy

- Next-Generation Sequencing
- Machine learning
- Personalized medicine
- Complex systems
- Big data
- Cancer genomics

01/09/2011 – 26/03/2014

## Doctor in Computer Science (110/110 cum laude)

Three-years degree in Computer Science, University of Messina, Messina, Italy

- Client programming
- Web programming
- Database organization

## PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B2	B2
Spanish	A1	A1	A1	A1	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
Common European Framework of Reference for Languages

**Communication skills** Good communication skills gained through my experience in programming team during:

- bioinformatics master course
- internship

**Job-related skills**

- Good statistical analysis and programming about cancer genomics acquired during the 8 months of thesis works entitled "Detecting cancer causing genes and variants in Colonadenocarcinoma" using genome/exome data and machine learning procedures on Linux with Python
- Good hardware knowledge acquired by myself during the realization of the computer science thesis work (Arduino-based, Java-based, Android-based) entitled "L'uomo, i robot e l'intelligenza artificiale" ("Human being, robots and artificial intelligence")
- Firebase server usage
- OpenCV library on Java, Python and Android

**Digital competence**

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient	Proficient	Proficient	Proficient	Proficient

Levels: Basic user - Independent user - Proficient user  
[Digital competences - Self-assessment grid](#)

**Other skills** ▪ Guitar player graduated by Yamaha level 6 course

**Driving licence** B

## ADDITIONAL INFORMATION

**Conferences** Winter school (as student) during the bioinformatics master entitled "In Silico Markers for Precision Medicine":

- In silico biomarkers: do we know them all?
- Precision medicine in vivo and in vitro
- Computational methods and systems biology
- Search for markers of cancer and genetic diseases
- Markers of cancer and genetic diseases in silico, in vitro and in vivo