Daniele **Castrovilli**

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Education

Universita' degli studi di Verona   *Verona (VR)*
MASTER DEGREE IN BIOINFORMATICS AND MEDICAL BIOTECHNOLOGIES — CURRICULUM IN BIOINFORMATICA   *10/2014 – 03/2017*

Universita' degli studi di Verona   *Verona (VR)*
BACHELOR DEGREE IN BIOINFORMATICS   *10/2010 – 03/2013*

Liceo scientifico A. Vallone   *Galatina (LE)*
SCIENTIFIC HIGH SCHOOL   *2004–2010*

Skills

Programming	Python, Java , C, SQL, LaTeX, Matlab, Bash Shell
Web	HTML5, CSS, Javascript
Operative systems	Mac Os, Linux, Windows
Softwares	Pentaho BI, MS SQL Server Management studio, SSRS, SSIS, Github, MySQL, PostreSQL; OracleDB
Languages	Italian (Madrelingua), French (B1), English (B1)

Experience

Trueblue S.R.L.   *Verona, VR*
BUSINESS INTELLIGENCE ANALYST   *Nov. 2016 - PRESENT*
- Data warehouse maintainer and developer
- Data warehouse developer for ETL process and report creation for a rich and usable data
- Using MsSql Server suite

Universitá degli studi di Verona   *Verona*
BIOINFORMATIC   *Set. 2016 - Mar. 2017*
- **Modeling and implementing a data warehouse to support genomic analyses**
- Developed a data warehouse for genomes in order to create a process from upoloading sequences, developing ETL and fill dashboard with useful data

Universitá degli studi di Verona   *Verona*
BIOINFORMATIC   *Lug. 2016 - ott. 2016*
- **Bioinformatic support for data mining**
- Developed an ETL process with python in order to extract meaning ful data from excel file format.

Universitá degli studi di Verona   *Verona*
BIOINFORMATIC   *Set. 2015 - Mar. 2016*
- **Report generator**
- Combining python and latex, we have created a useful tool capable of creating automatically a report with useful and meaningfull data

Universitá degli studi di Verona   *Verona*
BIOINFORMATIC   *Dic. 2015 - Mar. 2015*
- **Similarity analysis between bacteriophages**
- Developed a tool capable of analyze and observe differences between genome sequences of bacteria and viruses

Universitá degli studi di Verona *Verona*

BIOINFORMATIC *Apr. 2013 - Lug. 2013*

- **Genome wide association study for metabolic syndrome**
- Using PLINK and bash shell programming we have developed a mechanism capable of automatic data analysis from data of metabolic syndrome patients

Universitá degli studi di Verona *Verona*

BIOINFORMATIC *Set. 2012 - Feb. 2013*

- **Probabilistic techniques for studying Multiple Sclerosis with proteomic data**
- With MatLab we have developed a system capable of analyzing data and showing results with richfull graphs.

Extracurricular Activity

AISM Verona *Verona (VR)*

VOLONTARIATO *Nov. 2012 - PRESENT*

- Volunteer at AISM Verona, aiding people affected by Multiple Sclerosis. Collecting funds selling AISM's Apples and Gardenias

Open BioMedical initiative

MEMBER *Apr 2014 - Gen 2017*

- Bioinformatic support in OpenBioMedical initiative organization deveoping useful tools and supporting the creation of different DB's.

Ubuntu Bug tracker member *ovunque*

MEMBER *Sep. 2010 - Actual*

- In freetime i usually discover, report and resolve bugs for Ubuntu developer team

RunLover *Everywhere*

RUNNER *Jun. 2010 - PRESENT*

- I love run in free time using this practice as a tool to de-stress my body and mind.

Musician *Everywhere*

DRUMMER *Forever*

- Playing some drums as solo or with a band.