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, Atlassian JIRA, Atlassian Confluence
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 (SSRS, SSIS, MS SQL Management Studio

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 uploading sequences, developing ETL stream and dashboard creation 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 meaningfull data from excel file format.

Universitá degli studi di Verona	*Verona*
BIOINFORMATIC	*Set. 2015 - Mar. 2016*

- **Report generator**
- Combining python and latex creating a useful tool capable of creating automatically a report with extracted 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.

Certifications

Udemy

Python for Data Science and Machine Learning BootCamp *Sept. 2017*

- Url: `ude.my/UC-HI5Q6CLE`
- Certification code: *UC-HI5Q6CLE*

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.