Daniele **Castrovilli**

Born: 22/09/1990

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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, Power BI
Languages	Italian (Madrelingua), French (B1), English (B1)

Experience

Milkman S.P.A.	*Verona, VR*
BUSINESS INTELLIGENCE ANALYST / DATA ENGINEER	*Mar 2018 - Present*

- Business database developer and maintainer
- Data warehouse maintainer and developer
- Report and dashboards creator and maintainer
- ETL Developer with NodeJS and Pentaho data suite
- Standard compliant UAT document creation for projects
- Creation of machine learning flows with python for business prediction
- Business process analyst

Trueblue S.R.L.	*Verona, VR*
BUSINESS INTELLIGENCE ANALYST	*Nov. 2016 - Mar 2018*

- 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 2008
  2012
  2016), Microsoft Power BI.
- Standard compliant UAT document creation for projects

Melegatti S.P.A.	*Verona, VR*
QUALITY CONTROL	*Oct, 2013 - Dec, 2013*

Quality control over production chain and products sell outside

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 cequences, developing ETL stream and dashboard creation with useful data

Universitá degli studi di Verona
BIOINFORMATIC

Verona

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
BIOINFORMATIC

Verona

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
BIOINFORMATIC

Verona

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
BIOINFORMATIC

Verona

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
BIOINFORMATIC

Verona

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

Oracle SQL developer
UDEMY

Dec. 2017

- Url: `ude.my/UC-H41VLXC1`
- Codice certificato: *UC-H41VLXC1*

MongoDb basics M001
MONGODB

Nov. 2017

- Url: `http://university.mongodb.com/course_completion/bc97c088-a3e0-491c-ba10-b0854c84`
- Codice certificato: *bc97c088-a3e0-491c-ba10-b0854c84*

Python for Data Science and Machine Learning BootCamp
UDEMY

Sept. 2017

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

JavaScript Essentials
UDEMY

Sept. 2017

- Url: `ude.my/UC-3S0DGSAG`
- Certification code: *UC-3S0DGSAG*

Advanced databases and SQL querying
UDEMY

Sept. 2017

- Url: `ude.my/UC-H0BIL3T9`
- Certification code: *UC-H0BIL3T9*

Extracurricular Activity

AISM Verona
VOLONTARIATO

Verona (VR)

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
MEMBER

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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.