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*
DATA ENGINEER   *Mar 2018 - Present*

- Business database developer and maintainer
- Data warehouse maintainer and developer
- ETL Developer with NodeJS and Pentaho data suite
- Report creation with PowerBI
- Standard compliant UAT document creation for projects
- Creation of machine learning flows with python for business prediction
- Business process analyst
- Software used
  - Node js
  - Python
  - Amazon web services
  - Pentaho data suite
  - Powe BI

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*

SMALLCAPS 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

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 *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.