Andrea **Vicari**

COMPUTER SCIENTIST · STUDENT

Italian from Enna in Sicily
Based in Lugano, Switzerland

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"Think big. Life's too short to think small."

Education

USI – Universitá della Svizzera Italiana   *Lugano, Switzerland*
MASTER IN SOFTWARE & DATA ENGINEERING   *Sep. 2017 - current*
- Student at the first year

USI – Universitá della Svizzera Italiana   *Lugano, Switzerland*
BACHELOR OF SCIENCE IN INFORMATICS   *Sep. 2014 - Jun. 2017*
- Graduated with 8.54/10 (Magna Cum Laude)

Liceo Classico Napoleone Colajanni   *Enna, Italy*
HIGH SCHOOL DIPLOMA AT LICEO CLASSICO   *Sep. 2009 - Jun. 2014*
- Graduated with 100/100

University of Cambridge ESOL Examinations   *Catania, Italy*
CAMBRIDGE EXAMS FCE (B2)   *Mar. 2014*
- Passed with B

Personal Skills

Spoken Languages	Italian, English
Programming Languages	Python, Java, C, PHP, SQL, MATLAB, Haskell, Scala
Web Technologies	HTML5, CSS3, JavaScript, JQuery
Markup Languages	LaTeX, Markdown, XML(including XSLT, XSD)
Version Control	Git (using GitHub and GitLab), Gitflow (Git extension), SVN
Frameworks	Spring Boot, Node.JS, Cesium.JS
Operating Systems	Mac OS X, Windows, Android, iOS, Ubuntu
IDEs	JetBrains IntelliJ IDEA, JetBrains PyCharm, JetBrains CLion
Databases	SQL-based, MongoDB, Neo4J, Hadoop (including Pig, Hive and Flume), Spark
Office Automation	Microsoft Office, OpenOffice, Google (Docs, Sheets, Slides, Forms), Apple (Keynote, Pages, Numbers)
Photo and Video Editing	Adobe Photoshop CC 2017, Sony Vegas Pro 12, Final Cut Pro

Work Experiences and Internships

Dolphin Engineering SAGL   *Lugano, Switzerland*
PROGRAMMER AND WEB DEVELOPER   *Feb. 2017 - May. 2017*
- Added new features to the website of the company
- References: Antonio Vincenzo Taddeo and Mauro Prevostini

Dolphin Engineering SAGL   *Lugano, Switzerland*
PROGRAMMER AND WEB DEVELOPER   *Sep. 2016 - Dec. 2016*
- Software Atelier 5 internship during fall semester 2016
- Added new features to the website of the company
- References: Antonio Vincenzo Taddeo and Mauro Prevostini

Private Organization   *Enna, Italy*
EVENT ORGANIZER AND PROMOTER   *Dec. 2012 - Jan. 2014*
- Responsible for marketing and promotion of events
- Creator of original content (video and photo)

University Projects

SMART–IVC: Enhanced Visualization of Cities Through Smart Visual Queries
BACHELOR PROJECT – SPRING SEMESTER 2017

Lugano, Switzerland
Feb. 2017 - Jun. 2017

- Created a web application that provides a 3D–Visualization of a City in which it is possible to interact with buildings and execute queries on the city.
- Developed under the supervision of Prof. Dr. Michele Lanza, Dr. Andrea Mocci and the REVEAL team.
- Presented to the Comune of Lugano.
- Work done during the Spring Semester 2017 as a Bachelor Project at Universitá della Svizzera Italiana (USI).

Writing and Publications

SMART–IVC: Enhanced Visualization of Cities Through Smart Visual Queries
FOUNDER & WRITER

Bachelor Project Report
Feb. 2017 - Jun. 2017

- Report that describes the work done during the Spring Semester 2017 as a Bachelor Project at Universitá della Svizzera Italiana (USI)