Matteo Visotto

M. Sc student at Politecnico di Milano

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Italian

13 – 05 – 1998

Education

Politecnico di Milano (MI-IT)

March 2021 - now

M.Sc.   Master's degree, Computer science and engineering

Advance engineering competencies in specific subjects such as software engineering and software development (desktop, web and mobile), IoT, relational databases, process and service design, distributed architectures.

Projects:

PDFL: 30L (Group project) – FINALIST OF ICSE SCORE 2023 COMPETITION

Web based smart PDF reader for scientific papers. It includes a knowledge graph of citation, cross-reference resolution and a summarizer. This project has been selected for finals at ICSE SCORE 2023 competition.

Dream Platform: 30 (Group project)

Full software engineering project including Requirement Analysis and Specification Document (RASD), Design Document (DD), Implementation and Testing Document (ITD) and Acceptance Testing Document (ATD). Finally, we have also developed the main functionalities as a Forum and data visualizer web applications with central user management using LDAP and SAML2.0 (Shibboleth IdP and SP) https://github.com/matteovisotto/SE2-CecchettoSirianiVisotto

Hic et Nunc 2.0: 28 (Group project)

Modular and fully customizable web application designed to provide support for the rehabilitation of TBI (Traumatic Brain Injuries) patients in Don Gnocchi's foundation.

Keep the distance: 30L (Group project)

IoT motes app written with Kontiki and simulated in Kooja to alert users when they are too close each other. A Nod-red flow is used to parse messages from motes and notify users by means of IFTTT platform and a Telegram Bot.

Autonomous drone challenge: 30L (Group project)

Python scripts to control Crazyflie drones and extension decks with the scope of make them fly in an obstacle path without direct human control.

TelCo: 28 (Group project)

Web store for telecommunication company, the project focus was DBMS management and complex

schemas.

🎓 **Politecnico di Milano (MI-IT)**   September 2017 – March 2021

B.Sc.   Bachelor's degree, Computer science and engineering

Basic engineering competencies (math, statistics, physic) specific subjects (software engineering, computer architecture, internet and networks, electromagnetic waves and transmission tools, databases, algorithms) and related (cyber security, electronics).

Projects:

📊 Santorini: 30L (Group project)

Two-dimensional multiplayer board game in Java with client-server architecture and MVC design pattern including tests based on edge cases. Project available at the following link: https://github.com/matteovisotto/ing-sw-2020-Siriani-Stucchi-Visotto

📊 Working zones: 30L (Group project)

Simulation with VHDL hardware description language of a low power waste encoding algorithm called working zone used by the bus address.

📊 Entity-relationship: 22 (Standalone project)

Creation and optimization of a C program to manage entities and relationships between them. Build using hash tables and trees.

🎓 **I.S.I.S.S. A. Scarpa – Motta di Livenza (TV-IT)**   September 2012 – July 2017

Scientific high school diploma - 81/100

Certifications

- **Cambridge FCE**
- **TOEIC**   915/990
- **ICDL Full Standard + Database**
- **Driving licenses B**
- **Lifeguard (sea and swimming pool)**

Languages

Italian   Native language

English   Fluent

French   Elementary

Skills & Expertise

I can work in a team reaching excellent results; I am determined, proactive, independent and target-focused, I am always happy to learn new things. I manage and update the website of a non-profit association and a project-related web portal from my old high school as a volunteer.

Sports

- Swimming: I swam regularly from 3 to 19 years old, most of the time at a competitive level, participating twice in national CSI competitions.
- Ski: I have been practicing amateur skiing every winter since I was 5 years old

Expertise

Standard Office Application	Microsoft (Word, Excel, PowerPoint), Apple (Pages, Number, Keynote)
Programming Language and Frameworks	C, JAVA, VHDL, Assembly, Python, HTML, CSS, JS, Swift, Dart, PHP, SQL UIKit, SwiftUI, Android, Bootstrap
Database management	MS Access, mySQL
Cloud services	Dropbox, OneDrive, iCloud
Enterprise Server application and CMS	Apache, Nginx, LDAP, Shibboleth, Keykloak, OpenVPN, Docker, Docker compose, Woordpres, Joomla

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