Marco Calenda

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Language

Italian

Mothertongue

English

Spoken: **B2** Listening: **B2**
Reading: **B2**

Certificates

PMBOK: certificate of participation to a Project Management course on the Project Management Body of Knowledge areas.

Hobbies

- Cooking
- Videogames
- Football
- TV Series

Driving License

B

Education

12/2023 — University of Salerno

MSc in Computer Science

I followed the curriculum *"Software Engineering for IT Management"* which is focused on:

- Software Project Management
- Maintenance and Evolution
- Software Dependability
- Artificial Intelligence & NLP
- Compilers
- Software Engineering for AI

I graduated with a final grade of 110/110 cum laude defending a thesis in Software Engineering and Artificial Intelligence entitled *"Exploring the potential of quantum NLP for non-functional requirements classification"*, under the supervision of Prof. Fabio Palomba.

03/2021 — University of Salerno

BSc in Computer Science

During my bachelor's degree I granted a solid background in Computer Science, with a focus on the following topics:

- Logic
- Mathematics and Statistics
- Algorithms & Data Structures
- Computer Networks
- Operating Systems
- Software Engineering
- Web Development
- Mobile Development

I graduated with a final grade of 93/110 defending a thesis in Software Engineering entitled *"Verismart 3.0: reengineering and unification of LazyCseq and Verismart"*, under the supervision of Prof. Salvatore La Torre.

Soft Skills

Problem Solving

Throughout my academic journey, I have successfully tackled a wide range of problems within the field of Computer Science. I am meticulous in my approach, continuously striving to identify the best possible solution to a problem. I am not satisfied until I have achieved optimal results.

Teamwork

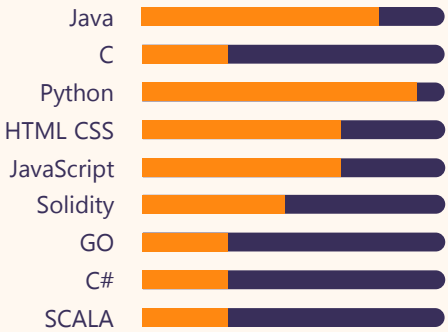
I have a strong affinity for collaborative work and have actively participated in various team-based software development projects. I strongly believe in the concept of fairness and equity within teams. If the situation calls for it, I am willing to take on additional responsibilities to maintain project performance without any hesitation.

Leadership

I highlighted strong leadership skills as project manager of bachelor students. I effectively guided my team members, ensuring the project was completed within designated deadlines. I proactively addressed conflicts within the team maintaining open communication channels. Motivating each team member to reach their full potential was a top priority for me.

Hard Skills

Programming Languages



Frameworks & Libraries

- Node.JS
- Java Spring
- ExpressJS
- Flask
- Truffle
- OpenZeppelin
- Web3.js
- JUnit
- Mocha
- Selenium
- Mockito
- ReactJS
- NextJS
- Bootstrap
- TailwindCSS
- Pytorch
- Keras
- Scikit-learn
- Flex
- Cup

Databases

Tools & OS

- Travis CI
- GitHub Action
- Gradle
- Maven
- Git
- Slack
- Trello
- Jira
- MS Project
- Ubuntu
- Windows
- MacOS

Projects

cASpER

Maintenance activity on "CASPER - A Plug-in for Automated Code Smell Detection and Refactoring". The change requests are tracked from the proposal to the testing passing through the reverse engineering, the impact analysis and the development.

HeartCare

In HEARTCARE I assumed the role of Project Manager for a web application project. I was responsible for tasks such as scheduling, risk management, HR management etc. Following an Agile methodology (SCRUM) we utilized REACTJS, SPRING, and MYSQL for the development.

FundMeNow

Ethereum DApp for crowdfunding developed for "Data Security" course using TRUFFLE SUITE, REACTJS.

Compiler

Compiler of a toy programming language, namely MYFUN, developed for the "Compilers" course using JFLEX and CUP.

QNLP for NFR classification

Research study conducted for the Software Engineering for Artificial Intelligence course and for my Master Thesis. The research aims to assess the classification capabilities of a quantum NLP model compared with shallow ML models.

Disclaimer

In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document.

Marco Colucci