



DANIELE FABIANO

Date of birth: April 29, 2001

Home address: Via Luigi Einaudi 7, Capaccio-Paestum (SA)

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Website (Github Pages): tensa53.github.io

EDUCATION

Master Degree - Starting grade: 106 | Software Engineering & IT Management

Supervisor: TBD. Thesis: TBD

Oct. 2023 – Ongoing
University of Salerno

- Main focus on Software Maintenance, Evolution, Management, Quality aspects
- Gained fundamental knowledge on Information Security, Artificial Intelligence

Bachelor Degree - Final grade: 103 | Computer Science

Supervisor: Carmino Gravino. Thesis: Bloated Dependencies Detection in Python

Sept. 2020 – Sept. 2023
University of Salerno

- Main focus on Programming, Algorithms and Data Structures, Databases aspects
- Gained fundamental knowledge on Computer Architecture, Computer Networking

LANGUAGE SKILLS

Mother tongue: Italian

Second language: English - B2 Level Certified by CLA UNISA

DIGITAL SKILLS

Office Suits: Microsoft Office, Google Workspace, LibreOffice

Communication Tools: Teams, Discord, Slack

Project Management Tools: Trello, GanttProject

Diagramming Tools: draw.io, Visual Paradigm Online

TECHNICAL SKILLS

Programming Languages: Java (SE, EE, Android SDK), Python (Django, Flask), C, Javascript (jQuery)

Database Management Systems: SQL & MySQL Workbench, Firebase, MongoDB & Compass

Integrated Development Environment: JetBrains IDEs, Eclipse, Netbeans

Markup and Style Languages: HTML, CSS (Bootstrap), Markdown, LaTeX

Operating Systems: Linux, Android, Windows

Containers and Virtualization: Docker, Virtualbox

Software Testing Tools: Junit, Espresso, Pytest, SeleniumIDE

Data Analytics Tools: Pandas, Matplotlib, Jupyter Notebook, R & RStudio

Software Engineering: UML Diagrams, Requirements Measurement, System Design, Test Design

Information Security: Blockchain Development, Penetration Testing, Secure Programming

PROJECTS AND RESEARCH

WasteGone | Project Management

A simulation of a management activity for a development of a waste sorting mobile app

- Coordinated the assignment of tasks for a group of 7 bachelor students
- Decomposed all the project phases with a Work Breakdown Structure
- Analyzed the possible project risks and their impact through a risk register

Winter 2025

Project Page

Data Smell Detection + | Maintenance and Evolution

A simulation of a maintenance activity for a tool that finds data smells on a .csv dataset

- Conducted an Impact Analysis on the identified change requests
- Redocumented the needed parts of the system for the maintenance
- Defined test cases for the new features and executed regression testing

Summer 2024

Project Page

Commons-net Dependability | Quality Assurance

A dependability report for an open source library of Apache Commons project

- Fixed some of the bugs and code smells detected by the Sonarcloud analysis
- Generated some new test cases to try to improve the computed test coverage
- Executed a vulnerability scan with FindSecBugs and Dependency-Check tools

Winter 2024

Project Page

SmartGym | Greenfield Engineering

An Android prototypal mobile app where you can choose some body weight exercises

- Analyzed the main app requirements with UML Diagrams and Use Cases definement
- Designed the High and Low Level parts of the system, including also a testing phase
- Realized a Genetic Algorithm that suggests exercise sheet given the athlete features

Winter 2023

Project Page

You can find other projects on my website and on my github profile.

SOFT SKILLS

Organizational and management skills

I completed all the listed projects contributing also with my **leadership**. I took care of **planning and managing** the different activities, as being a team member that completes the tasks in an **autonomous** and a detailed way and encouraging the teamwork, when it was necessary to achieve the goal and to solve the problem. I have developed a predisposition to being organized and **stress resistant** thanks to the basketball player experiences, where I was ready to enter in the match and **adapt** at the in-game situation to reorganize all the players and the team schemes.

Communication and interpersonal skills

Since I acted as a leader and as team member during the listed projects, I preferred to set the communication in a **concise** way, trying to **be friendly** and to let the colleagues feel safer and less stressed when they were working with me. I was ready to **show initiative** for any type of help that could fall under my abilities and my knowledge. I have developed a predisposition to a good communication thanks to the basketball scorekeeper experiences where it was necessary to have an **efficient interaction** with referees and coaches, in a very short time frame.

NETWORKS AND MEMBERSHIPS

Forum dei Giovani Member of Capaccio Paestum (from February 2022)

A local association that organizes activities for the young people. Thanks to this association I had the possibility to participate in many different activities and local events, such as helping the athletes during the Agropoli-Paestum half marathon and also directly being involved as a player during the Cilentiadi, a sports event organized by the Forum.

UNISA Linux User Group Member (from September 2020)

The Linux User Group of University of Salerno. Thanks to this group, I had the possibility to interact with a lot of people that shares the passion for Computer Science and Open Source Software. Even if we don't meet a lot, the group chat has always some interesting topic to talk, accepting the different point of views and receiving some advice for the career.

Carlo Vitolo Basket Capaccio Paestum Team Member (October 2013 - June 2024)

The local basketball team of my city. I played basketball for a lot of years and even if we have not reached that big results I enjoyed it for the beauty of the game and for the "stay healthy" aspects of playing a sport. My main role in the matches was the point guard, the one that tries to communicate a lot, calling offensive schemes and guiding the defensive plans.

Scorekeeper for the Federazione Italiana Pallacanestro (March 2019 - July 2021)

During the years I played basketball, I also placed on the other side of the field, being sure to keep the score of the game updated and on time. I interacted a lot with the referees and the executive of teams, having the possibility to take some real responsibility on the environment I was in and earning some little money compensation for the first time ever in my life.

DRIVING LICENCE

Italian Driving Licence | B Level

I have acquired a Licence in 2022 and I often drive my family car around the city, but I am not yet a car owner.

HOBBIES AND INTERESTS

Motorports

I am a big fan of motorsports, in particular about Formula1. I also follow other series, such as Formula E.

Basketball

I am a big fan of basketball. Other than playing it, I also follow NBA, Euroleague, Italian domestic league.

Videogames

I am rediscovering the videogames world, in particular some of the old Playstation and Nintendo games.

Anime&Manga

I am a big fan of anime, one of my favourite is Neon Genesis Evangelion. I've also read some mangas.

Kpop&Kdrama

I am a big fan of kpop, one of my favourite group is Mamamoo. I've also watched some Kdramas.

I authorize the processing of my personal data pursuant to Legislative Decree 101/2018 and art. 13 GDPR (EU Regulation 2016/679) for the purposes of personnel research and selection.

Capaccio-Paestum, 2025-08-05



Daniele Fabiano