

# DANIELE FABIANO

📍 Capaccio (Salerno) 🇮🇹 Italy (Evaluating offers from abroad)

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## EDUCATION

### Master Degree - Expected grade: 110/110 | Software Engineering & IT Management

Supervisor: Dario Di Nucci - Thesis: Performance Testing Regression Optimization

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

Oct. 2023 – Mar. 2026

University of Salerno

### Bachelor Degree - Final grade: 103/110 | Computer Science

Supervisor: Carmine Gravino - Thesis: Bloated Dependencies Detection in Python

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

Sept. 2020 – Sept. 2023

University of Salerno

## PROJECTS

### WasteGone | Project Management (Trello, GanttProject, Google Workspace)

Project Page

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

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

### Data Smell Detection + | Maintenance and Evolution (Django, SeleniumIDE)

Project Page

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 core parts of the system for the maintenance
- Defined tests for the new features and executed regression testing

### Commons-net Dependability | Quality Assurance (Java SE, OWASP Tools)

Project Page

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

### SmartGym | Greenfield Engineering (Java Android SDK, JUnit, Espresso)

Project Page

A prototype of an android 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 an exercise sheet to the user by his features

## TECHNICAL SKILLS

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

Query Languages and Databases: **SQL**, Firebase, MongoDB

Build Automation Systems: **Maven**, Gradle

Operating Systems: **Linux**, Android, Windows

Software Testing: **JUnit**, **JaCoCo**, **JMH**, Espresso, Pytest, SeleniumIDE

Data Analysis: Pandas, Matplotlib, Jupyter Notebook, R & RStudio

## LANGUAGES

**Italian** - Native Language

**English** - B2 Intermediate

## SOFT SKILLS

### Organizational and management

I contributed in the projects also with my **leadership**. I took care of **planning and managing** the project activities and completing my tasks in an **autonomous** and detailed way, encouraging the **teamwork** when it was necessary to achieve the goal and solve the issue.

### Communication and interpersonal

I prefer to set the communication in a **concise** way, trying to **be friendly** and let the colleagues feel safer and less stressed when they are interacting with me. I am ready to **show initiative** for any type of help that could fall under my abilities and under my knowledge.

*I authorize the processing of personal data present in the CV according to the General data protection regulation 679/2016.*

Capaccio-Paestum, 2026-01-03