DANIELE FABIANO

📍 Capaccio (Salerno) 🏳 Italy (Evaluating offers from abroad)

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EDUCATION

Master Degree - Expected grade: 110/110 | *Software Engineering & IT Management*   Oct. 2023 – Ongoing
Supervisor: Dario Di Nucci - Thesis: Perfomance Testing Regression Optimization   University of Salerno
- Main focus on Software Maintenance, Evolution, Quality, Management aspects
- Gained fundamental knowledge on Information Security, Artificial Intelligence

Bachelor Degree - Final grade: 103/110 | *Computer Science*   Sept. 2020 – Sept. 2023
Supervisor: Carmine Gravino - Thesis: Bloated Dependencies Detection in Python   University of Salerno
- Main focus on Programming, Algorithms and Data Structures, Databases aspects
- Gained fundamental knowledge on Computer Architecture, Computer Networking

PROJECTS

WasteGone | **Project Management (Trello, GanntProject, Google Workspace)**   Project Page
A simulation of a management activity for a development of a waste sorting mobile app
- Coordinated the assignment of tasks for a team 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

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** (Arch, Debian), Android, Windows
Software Testing: **Junit, JaCoCo, JMH**, Espresso, Pytest, SeleniumIDE
Project Management: **Trello**, GanntProject, Google Workspace, Slack, **Draw.io**

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, 2025-10-12