



## Andrea Di Pierno


**Date of birth:** 10/07/1999

**Nationality:** Italian

**Gender:** Male

### CONTACT

 Via Michele Rapisardi, 5  
95131 Catania (CT), Italy  
(Home)

 [a.dipierno99@gmail.com](mailto:a.dipierno99@gmail.com)

 (+39) 3313432745

 [www.andreadipierno.com](http://www.andreadipierno.com)

### EDUCATION AND TRAINING

**01/12/2023 – CURRENT** Lucca, Italy

**National PhD in Cybersecurity** IMT School for Advanced Studies Lucca

Website [www.imtlucca.it](http://www.imtlucca.it) | Level in EQF EQF level 8

**01/10/2021 – 28/09/2023**

**Master's Degree in Computer Science - Cloud Computing Curriculum** University of Salerno

**Final grade** 110/110 Cum Laude | **Level in EQF** EQF level 7 | **Thesis** A hybrid environment for the simulation and analysis of fake news' dynamics: model enhancement and experimentation - Supervisor: Prof. Malandrino Delfina

**17/09/2018 – 30/09/2021**

**Bachelor's Degree in Computer Science** University of Salerno

**Final grade** 101/110 | **Level in EQF** EQF level 6 | **Thesis** Tesi: Genetic Algorithms design in FLY language - Supervisor: Prof. Scarano Vittorio

### WORK EXPERIENCE

**07/2018 – 31/12/2021** Cremona, Italy

**Software Tester** AppQuality S.r.l.

Software and apps testing done by following Project Manager's indications. Errors analysis and classification. UX and UI reports creation in both textual and multimedial formats.

### LANGUAGE SKILLS

**MOTHER TONGUE(S):** Italian

**Other language(s):**

**English**

**Listening** B2

**Spoken production** B2

**Reading** B2

**Spoken interaction** B2

**Writing** B2

**French**

**Listening** B1

**Spoken production** B1

**Reading** B1

**Spoken interaction** B1

**Writing** B1

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

# ADDITIONAL INFORMATION

## Driving Licence

● **Driving Licence:** B

## Projects

- **NoteMarket** E-Commerce of notebooks with a Telegram bot developed for the exam "Cloud Computing" using various Microsoft Azure's services.  
The project is strongly oriented to scalability and reusability of implemented services, completely managed through serverless functions.  
The project is accompanied with a detailed documentation for users, API for developers, an install script for bash and a Business Plan.
- **Genetic Algorithms design in FLY Language** Bachelor's Degree thesis project.  
Genetic algorithms developed in FLY, a language for scientific computing on multi-cloud, as thesis work for my Bachelor's Degree. The developed algorithms solves efficiently the One Max problem and the K-Coloring problem (NP-Complete).
- **KetchApp** KetchApp, an iOS app implementing the concept of Pomodoro Session with a clean UI and a particular attention to the UX, developed as final project work for the Apple Foundation Program.
- **Techblin** E-Commerce realized for the exams "Software technologies for the Web" and "Software Engineering" enhanced by an AI module which profiles customers' actions and provides suggestions based on their interests.
- **AI AutoTest** AI AutoTest, a Python script that executes testing on Java and Python projects and automatically chooses the best test method and input classes by analyzing the code.

## Hobbies and interests

● **Rising technologies, Body Building, videogames and reading**

## Skills

### ● **Technicals**

---

Good knowledge of IT Security principles, algorithms, primitives, techniques and models,  
Great knowledge of cloud computing services, architectures and provider-specific services,  
Great knowledge of languages such as Java, Kotlin, C, C++ and different related frameworks and tools (ScikitLearn, DEAP, etc.),  
Good knowledge of languages such as C#, Go, Python and Swift,  
Discrete knowledges of Java EE and distributed computing architectures,  
Good mastery of most popular IDEs and MySQL DBMS,  
Great knowledge of Web Technologies (HTML, CSS, JS, php, JQuery, Bootstrap, AJAX and most popular servers).

### ● **Communicational and relational**

---

Great communicational and relational skills developed thanks to the project works required during my studies, for which is required to work in group. Moreover, it's simple for me to have good relations with colleagues, because i'm a friendly and empathetic person.

### ● **Organizational**

---

Thanks to the experience gained during my studies, when i also worked, i learned to organize and manage time and resources in order to achieve my objectives, compatibly to the activities required by courses and exams.

### ● **Managerial**

---

Good managerial skills developed during a school internship activity (Alternanza Scuola-Lavoro), in which i managed the warehouse's supply chain of the Novotel Hotel in Vulcano, Messina.

*I hereby authorize the use of my personal data in accordance to the GDPR 679/16*

Lucca, 15/01/2024



Andrea Di Pierno