



## Gilberto Recupito

☎ (+39) 3279946952

✉ Email address: [recupito.gilberto@gmail.com](mailto:recupito.gilberto@gmail.com)

🌐 LinkedIn : <https://www.linkedin.com/in/gilrec>

🐙 Github: <https://github.com/gilbertrec>

🌐 Website: <http://www.gilbertrec.github.io>

### WORK EXPERIENCE

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#### Research Assistant

*Tampere University* [ 01/04/2022 – 30/09/2022 ]

City: Tampere

Country: Finland

I started my research activity in Software Engineering for Artificial Intelligence. I'm conducting experiments on the diffuseness and impact of Artificial Intelligence Technical Debt. In particular, I'm conducting a multivocal literature review that retrieves information in white literature and the grey literature, the latter through the use NLP algorithms.

### EDUCATION AND TRAINING

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#### Master Degree Computer Science

*Università degli studi di Salerno* [ 2019 – Current ]

Address: 84084 Salerno (Italy)

Field(s) of study: Software Engineering and IT Management

Current Average Exams grade : 29.52/30

Project Management, Software Dependability, Software Evolution and Engineering, Non Relational Databases, Information Visualization, Enterprise Mobile Application Development, Parallel and Concurrent Programming on Cloud.

#### Bachelor Degree Computer Science

*Università degli studi di Salerno* [ 09/2016 – 12/2019 ]

Address: 84084 Salerno (Italy)

Final grade : 104/110

Thesis: Design and implementation of a Hypergraph Repository in Julia

Design of a Tool that permits the modeling and the analysis of relationship data through hypergraphs, written in Julia. The second goal of the thesis consists of the implementation of a Web Repository that permits to the scientific community to access to the modeled data.

### PUBLICATIONS

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G. Recupito, F. Pecorelli, G. Catolino, S. Moreschini, D. Di Nucci, F. Palomba, and D. A. Tamburri.  
"A multivocal literature review of MLOps Tools and features". Accepted in :  
*48th Euromicro Conference Series on Software Engineering and Advanced Applications (SEAA)*.  
Maspalomas, Gran Canaria, Spain, 2022

## LANGUAGE SKILLS

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**Mother tongue(s):**

Italian

**Other language(s):**

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

## COMMUNICATION AND INTERPERSONAL SKILLS

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**Active Listening**

ability to orient to the interlocutor and pay attention to him, fully understanding the contents of his message and his needs, developed through University projects

**Self-Control**

Ability to handle opposition / hostility from others and stressful situations developed through University projects and my work experience

**Team Work**

Ability to identify with group's rules and objectives, to be of help and support to the other members of the group itself, developed through University projects

## DIGITAL SKILLS

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**Professional Skills**

SQL / Agile methodology Scrum / Project Management / C / Git / C# / Java / React

Native / Javascript / Python / Julia / Unity3D

## MAIN PROJECTS

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**Predicting Vulnerable Code:** Study and Analyze data of Java vulnerabilities in order to build a classifier that can detect vulnerable code. **Skills:** Knowledge of Machine Learning, Static Analysis, Software Vulnerabilities. [Link](#)

**Two-Wheels Data:** IoT Projects that permit to collect data of movement and acceleration of motorcycles. **Skills:** Python, Flask, IoT, Use of Raspberry Pi, Use of Accelerometers Sensors.

**Soft Touchpad:** University Research Project based on the development of a new input text editing method for smartphones that uses a mouse cursor. **Skills:** Mobile Development (Android Studio), Human Computer Interaction Models, Computer Science Research. [Link](#)

**IRobot-ML Agents:** Simulation of a AI Robot Cleaner. **Skills:** Reinforcement Learning, Unity3D. [Link](#)

## DRIVING LICENCE

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Driving Licence: B

"In compliance with the Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorize the recipient of this document to use and process my personal details for the purpose of recruiting and selecting staff and I confirm to be informed of my rights in accordance to art. 7 of the above mentioned decree."

