

LORIS GIRAUDO

Master's Degree in Computer Science | Software Developer

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I have a Master's Degree in Computer Science at the University of Turin, specialization in "Artificial Intelligence and Information Systems". The main courses attended are: Machine Learning, Deep Learning, Natural Language Technologies, Bio Informatics and Advanced Software Technologies and Architectures. Through work activities and personal projects I have acquired experience in software programming with respect to various languages and frameworks.

🎓 FORMAZIONE

- 2022 **Master's Degree in Computer Science**, at the University of Turin, Department of Computer Science, specialization in "Artificial Intelligence and Information Systems". *Degree Grade: 110 cum laude.*
- 2020 **Degree in Computer Science**, at the University of Turin, Department of Computer Science. *Degree Grade: 110.*
- 2017 **High School Diploma**, at the I.I.S. G. Vallauri of Fossano, Technological Sector address "Information and Telecommunication". *Final Grade: 79.*

👛 WORK EXPERIENCE

Current April 2023	Full Stack Developer, DOINN SRL, MONDOVÌ CN <ul style="list-style-type: none">➢ Software design and development. <div>ExtJS Laravel</div>
March 2023 February 2023	Backend Developer, INTERVIEWEB SRL, TORINO TO <ul style="list-style-type: none">➢ Design and development of features for InRecruiting with microservices architecture. <div>Docker Microservizi NodeJS</div>
January 2023 September 2022	Master's Degree Thesis - Data Scientist, ALTEN ITALIA S.P.A., TURIN TO <ul style="list-style-type: none">➢ Study and analysis of Time Series data for Anomaly Detection.➢ Applications of Machine Learning methods. <div>Machine Learning Deep Learning Anomaly Detection Time Series</div>
September 2022 December 2019	Full Stack Developer, SGUANG INFORMATICA SRL, SAN ROCCO CN <ul style="list-style-type: none">➢ Web development of CRM software with features and specifications provided by customers using JavaScript (Vue.JS) for the front-end and Python (Django) for the back-end. Involvement in all phases of design and development: from data collection to server deployment.➢ Administration and management of Hosting Web services, domains and VPS.➢ Web Development of small projects with PHP.➢ Web Design in Wordpress. <div>Vue Django Wordpress XAMPP</div>
August 2018 February 2018	Junior Developer, EOS SOLUTIONS S.P.A., SANT'ALBANO STURA CN <p>Microsoft Dynamics® NAV ERP software learning and development:</p> <ul style="list-style-type: none">➢ Design and development of a software connected to milk analysis machinery, developed with Microsoft Dynamics NAV. <div>Microsoft Dynamics NAV Microsoft SQL Server</div>
September 2017 August 2016	Developer, WEB&TECH SOLUTIONS, CUNEO CN <ul style="list-style-type: none">➢ SWeb development of CRM software with features and specifications provided by customers using the PHP language. <div>PHP XAMPP</div>

SKILLS

Languages	Javascript, Python, Java, Kotlin, Dart, PHP.
Frameworks	Flutter, Spring, Django, Vue, FastAPI, Laravel, ExtJS.
Mobile Development	Native (Java/Kotlin & XML/Compose) and Multi-platform (Flutter).
Database	MySQL, PostgreSQL, SQL Server.
Development tools	Jetbains IDE, Code Editor, GIT, Jira, Docker, Heroku, CI.
Modelling	UML, ORM, BPMN.
AI	Data Analysis & Machine Learning Models

LANGUAGE

Italian	Native language.
English	Good listening, writing and comprehension skills. Discrete conversation skills.

SOFT SKILLS

Organizational skills	Ability to work in stressful situations, as public relations and deadlines of work activities.
Interpersonal Skills	Skills in managing group work and in achieving individual goals: <ul style="list-style-type: none">➤ Willingness to face and compare new possibilities.➤ Good communication and interpersonal skills developed both in the school environment on the occasion of group projects, and at work.➤ Ability to independently manage one's own commitments with punctuality and precision.

PERSONAL PROJECT

UNSUPERVISED ANOMALY DETECTION FOR A MANUFACTURING INDUSTRY 2023

Matser's Degree Thesis Reaserch. The research was about Unsupervised Anomaly Detection on Time Series data from a manufacturing industry.

 github.com/lorisgir/TESI-MAGISTRALE

Machine Learning Deep Learning Time Series Model Selection Anomaly Detection

BOOKSRIVER 2022

Booksriver is a mobile application. It provides a large library of books in which the user can browse, indicate their progress in reading, write reviews and follow other users. The application has been developed in three variants: Native Android using Java and XML, Native Android using Kotlin and Compose, multi-platform using Flutter.

The backend was designed through a microservices architecture in Spring: two microservices along with EUREKA, a Gateway Service and RabbitMQ. For the deployment it has been used Docker-Compose and GitLab CI.

 github.com/lorisgir/Booksriver

Spring Java Kotlin Dart Flutter Compose Docker Microservizi

DESIGN AND DEVELOPMENT OF A SOFTWARE FOR THE MANAGEMENT OF THE INDIVIDUALIZED CARE PLAN 2020

Degree Thesis project. The software developed offers digital support to health care workers in the nursing homes by computerizing the compilation of the documents of the Individualized Care Plan.

Vue Django PostgreSQL