



# Alessio Benenati

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## ABOUT ME

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I am computer engineering MSc student at the University of Bologna.

I have been strongly passionate about informatics since high school, nowadays I am focusing my studies on software engineering, web development, and artificial intelligence.

In the future I would like to learn more about android and game development

## TECHNICAL SKILLS

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### Languages

- Deep knowledge of C: I utilized C mostly to experiment the low-level aspects of informatics such as concurrency, sockets and RPC based applications.
- Deep knowledge of Java: I utilized both low-level and high-level features of the language going from concurrency, sockets and RMI based applications to GUIs development using JavaFX, web servers employing both the Servlet/JSP and the WebSocket technologies and database communication, also using the Hibernate framework.
- Good knowledge of HTML, CSS and JavaScript: I utilized these languages mostly in the field of front-end development, also using both simple and more complex libraries such as jQuery and ReactJS; I also encountered JavaScript in backend development with NodeJS technology.
- Good knowledge of SQL: I studied both DDL and DML, particularly I viewed the IBM DB2 dialect for the database course at the bachelor, while I utilized the MariaDB dialect for NoteX, an application developed for the software engineering course.
- Good knowledge of Python: I utilized this language in the field of Computer Vision with the PyTorch library experimenting with Object Detection and Classification.
- Good knowledge of Kotlin: I'm currently studying this language applied to the field of android development, also using the Jetpack Compose library.
- Basic knowledge of Prolog: I'm currently studying logic programming during my AI course, in particular I want to delve deeper into tuProlog, a prolog engine written in kotlin at the University of Bologna interoperable with jvm based languages

### DevOps tools

- Deep knowledge of Git
- Deep knowledge of GitHub
- Good knowledge of Ansible
- Good knowledge of VirtualBox
- Good knowledge of Docker
- Basic knowledge of Gradle

### IDEs

- Deep knowledge of Eclipse both standard and enterprise editions
- Deep knowledge of Visual Studio Code
- Good knowledge of DBeaver
- Good knowledge of Visual Studio
- Good knowledge of VirtualBox
- Basic knowledge of Android Studio

### OS

- Deep knowledge of Unix/Linux systems, in particular of Debian-based distros
- Good knowledge of Windows

## WORK EXPERIENCE

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### Academic Tutor for the 'Fondamenti di Informatica T2' course

*Alma Mater Studiorum Università degli Studi di Bologna* [ 02/2024 – 07/2024 ]

City: Bologna | Country: Italy

I helped students learning java, solving their doubts during lab lessons or via email

## EDUCATION AND TRAINING

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### Laurea Magistrale in Ingegneria Informatica

*Alma Mater Studiorum Università degli Studi di Bologna* [ 10/2023 – Current ]

City: Bologna | Country: Italy | Website: <https://www.unibo.it>

### Laurea Triennale in Ingegneria Informatica

*Alma Mater Studiorum Università degli Studi di Bologna* [ 09/2020 – 10/2023 ]

City: Bologna | Country: Italy | Website: <https://www.unibo.it> | Final grade: 109/110

### Diploma

*Liceo Scientifico Rambaldi Valeriani* [ 09/2015 – 07/2020 ]

City: Imola | Country: Italy | Final grade: 90/100

## 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

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

## DRIVING LICENCE

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Driving Licence: B