

Andrea Biagini

Computer Engineer

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About me

Computer engineer with a scientific background and a strong interest in software engineering. Trained as a developer during my bachelor's degree, then broadened my technical and theoretical knowledge and gained a foundation in software design during my master's degree.

Education

Sept 2014 – June 2019 **Liceo Statale "A. Serpieri"**, Scientific High School Diploma – Rimini

Sept 2020 – Nov 2023 **Alma Mater Studiorum - Università di Bologna**, BSc in Computer Science and Engineering – Cesena
Developed the *forma mentis* and problem-solving approach typical of an engineer, along with well-rounded training as a developer.

Sept 2023 – Mar 2026 **Alma Mater Studiorum - Università di Bologna**, MSc in Computer Science and Engineering – Cesena
In-depth study of software engineering and mathematics, a stronger theoretical background and hands-on experience with new software engineering tools.

Experience

Jan 2023 – Feb 2023 **Internship - Software Developer**, Nimaia S.R.L. – Rimini
Studied the ability of an AI engine to generate and process photos and images, and the related copyright legal aspects.

July 2025 – Feb 2026 **Internship - Software Configuration Specialist**, SCM Group – Rimini
Redesigned the machine configuration software and developed its graphical interface to extend its use to other company departments; strengthened teamwork and soft skills.

Apr 2026 – present **Product Development Specialist**, Formula S.p.A. – Rimini
Development and maintenance of ERP system features.

Projects

Jan 2021 **AudioService**
Management system for a company providing sound system services

- Requirements analysis
- Conceptual and logical database design
- SQL querying

Jan 2025 **SandPiles**

Online multiplayer game based on the mathematical model of the same name

- Domain driven design
- Web development (Vue, TypeScript)
- Teamwork
- Git flow
- Scrum

Skills

Programming languages: Java, C/C++, C#, Python, SQL, PHP, TypeScript, Scala

Tools and technologies: Linux, Git, Docker, XAMPP

Other skills: HTML, CSS, VueJS, DDD, RDF, Project Management, Agile, DevOps

Soft skills: teamwork, problem solving, critical thinking