

# LUCA MASTROFINI

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## PROFESSIONAL EXPERIENCE

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### LTIMindtree, Edison NJ

2022 – 2024

*Software Engineer*

- Developed and tested client software under deadlines, working closely with cross-functional teams, including developers, testers, and project managers.
- Reviewed and solved more than 50 Whitehat vulnerabilities.
- Worked with cross-functional teams on creating new APIs on the main application for the new Chatbot utility and new Authentication system
- Participated in multiple Toastmasters classes to further develop and refine communication and public speaking skills.

### Wiley Edge, Hoboken NJ (Remote)

2022

*Software Engineer Trainee*

- Full-stack Java: Completed a 3-month training on building a fully functional web application following the MVC pattern using Java and Angular. The training started with basic Java and OOP concepts and best practices and was followed with more complex technologies like Spring-boot, and Maven.
- Salesforce administration and development: Completed a 3-month Salesforce training. The main concepts covered SF Data Model, SF Sales and Cloud, Apex Programming, SOQL, API Integration, LWC and Aura, and Visualforce.

### University Internship, Milan

2020 – 2021

*Intern*

- Developed a virtual synthesizer featuring 2 different oscillators.
- Featured many parameters like pitch, type of waveform, frequency and amplitude modulation and ADSR which could be adjusted in real-time giving the user numerous combinations to create different sounds.
- Coded in C++ and utilizing the framework JUCE.

## EDUCATION

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### University of Milan “La Statale” GPA 91/110

2017-2021

*Bachelor of Science, Music Information Science*

*Relevant course work: Computer Programming, Computer Architecture, Algorithms and Data Structure, Computer Science applied to Music and Sound, Databases, Operating Systems, Web Programming, Computer Graphics, Image Processing, Computer Network.*

## SKILLS

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**Programming languages:** Java, C++, JavaScript/TypeScript

**Computer software/ frameworks:** Spring framework, Spring-boot, Maven, Angular, Eclipse, Git, Visual Studio.

**Languages:** Italian (Native), English (Advanced)

**Hobbies:** Piano, Music production, Surf, Chess