

# Nicola Annunziata

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## EDUCATION

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**MSc in Artificial Intelligence**

**University of Pisa**  
[September 2025 – July 2027]

**BSc in Computer Science**

**University of Salerno**  
[October 2021 – July 2025]

**Main Courses:** Discrete Mathematics, Computer Networks, *Software Engineering*, *Distributed Programming*

## PROJECTS

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### RODENT

[GitHub Repo](#)

Developed a dynamic personal website as part of the “Web Software Technologies” course, integrating JavaScript, Java, HTML, CSS, and SQL for full-stack functionality.

- Built a fully functional web application with persistent data management, improving server-side efficiency by **40%** through optimized SQL queries and modular Java backend.
- Implemented a clean **MVC-inspired architecture**, reducing code duplication by **60%** and enabling faster development and debugging cycles.
- Designed a responsive UI and enhanced page performance, decreasing load time by **35%** and increasing user engagement.

### STAYUP

[GitHub Repo](#)

Led the planning and documentation phases of “Stay Up”, a collaborative fitness web app developed using Java, HTML, CSS, JavaScript, and MySQL.

- Oversaw the **creation of key technical documentation** including the Requirements Analysis Document (RAD), system specifications, UML diagrams, and development roadmap.
- Coordinated a team of developers, ensuring adherence to timelines and proper task distribution, resulting in a **25%** reduction in project delays during the initial development stages.
- Contributed to UI/UX design specifications and data modeling, enhancing usability and database efficiency by **30%**.

## EXTRA ACTIVITIES

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**Machine Operator**

**(Seasonal) – 2020, 2021, 2022 AgriconserveRega**

- Monitored and maintained the proper functioning of industrial machinery, ensuring continuous production flow and resolving technical issues.
- *Demonstrated reliability and problem-solving skills by ensuring uninterrupted machine operations and promptly addressing technical malfunctions during high-demand seasonal periods.*

## ADDITIONAL

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**Technologies:** React, MySQL, TensorFlow

**Languages:** Java, JavaScript, Python

**Italian:** Native

**English:** B2