Davide **Bilardello**

STUDENT OF ARTIFICIAL INTELLIGENCE ENGINEERING

Modena, Italy

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Education

UNIMORE(University of Modena and Reggio Emilia)   *Modena, Italy*

MASTER DEGREE IN ARTIFICIAL INTELLIGENCE ENGINEERING   *2024 - Present*

UNIMORE(University of Modena and Reggio Emilia)   *Modena, Italy*

BACHELOR DEGREE IN COMPUTER ENGINEERING   *2020 - 2024*

Skills

AI	PyTorch, Computer Vision, LLM and LLM agents
DevOps	Docker, Jenkins, VPS Linux-based
Full-Stack	Express, REST API, PrismaORM, Angular SSR, HTML/TailwindCSS, MongoDB
Programming	Node.js, Python, Java, Rust
Languages	Italian, English

Experience

Bitebuddy | Digital menu SaaS   *Modena, Italy*

FOUNDER & SOFTWARE ENGINEER   *Nov. 2024 - Present*

- Complete management and development of the website and app.
- Using Angular SSR, TailwindCSS, Node.js, MongoDB, Express.js, Stripe API, PrismaORM.
- Application security and website SEO management.

E38   *Modena, Italy*

WEB DEVELOPER   *Apr. 2024 - Dec. 2024*

- Development of new features for a web-based management software application using Angular and .NET.

JEMORE   *Modena, Italy*

HEAD OF IT   *2023*

- Provided training for new members in frontend development and UX design.
- Insight into full-stack development with Flutter, Angular, React/Next and Node.js.
- In-depth study of software engineering and CI/CD.
- Management of a small team.
- Management of internal processes.
- Computer-themed workshops in schools.

Projects

VMART   *Italy*

COMPUTER VISION AND COGNITIVE FINAL PROJECT   *-*

- Technologies used: PyTorch, Unity, Flusk.
- Development of a Mixed Reality application and python microservices for automatic recognition of painting style and genre.

ParkSense   *Italy*

UX DESIGN FINAL PROJECT | COMPREHENSIVE STUDY ON THE APPLICATION'S UX.   *-*

- Study steps: Research, Benchmarking, Personas, Design System, User journey map and Prototype.

rust-cc   *Italy*

REAL-TIME EMBEDDED SYSTEMS FINAL PROJECT   *-*

- Development of concurrent cycle garbage collector in Rust.

Bacrama Tournaments   *Italy*

WEB APP   *-*

- Development of the frontend with Angular and TailwindCSS.