

DAVIDE ERMELLINO

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Summary

Applied Computer Science student, one of the top in the class. Rational and intuitive with strong problem-solving, analytical logic, and prioritization skills. Strongly team-oriented with a great desire to enhance technical expertise in AI and data science.

TECHNICAL PROFICIENCIES

Languages	HTML, CSS, JAVASCRIPT, PHP, R, C, Python, SQL, BASH
Frameworks and Libraries	LARAVEL, LIVEWIRE, BOOTSTRAP, REACT, TENSORFLOW
Software	LINUX, VSCODE, GIT HUB, PGADMIN4
Other	Base of SCRUM agile method

EDUCATION, PROFESSIONAL DEVELOPMENT

- **30/09/2023 – 02/12/2023:** React.js Coding Masterclass at Aulab Srl, Bari (base of react course)
- **26/09/2023 – Present:** Bachelor's Degree in Applied Computer Science and Data Analytics at the University of Cagliari
- **26/06/2023 – 26/09/2023:** Full Stack Developer Junior Coding Bootcamp at Aulab Srl, Bari
- **15/09/2018 – 05/07/2023:** High School Diploma in Applied Sciences at L.B. Alberti Institute, Cagliari

TRAINING EXPERIENCE

2024 - 2025: University of Cagliari

Collaborated with a professor and his team to develop a GUI, and some backend, for a research tool that automatically generates references from a given text. Currently, I am working alongside a university colleague on this project. We are using javascript and python language.

2024 - Present: University of Cagliari

- Helping two PhD researchers in a project involving the Universal Robot UR5.
I am focusing on managing the robot's movements using Python and contributing to the following tasks:
 - Using a camera to detect and trace the contours of a stain on a pizza box.
 - Converting the detected points into robot-specific coordinates.
 - Programming the UR5 robot to outline the shape with a marker.

2023: Aulab Srl • Bari, Italy

- **DastGames:** An interactive platform developed during the React Masterclass at Aulab. This app offers an immersive environment to explore a wide list of games, find favorites with an intuitive search system, and access in-depth details on each title.
Repository link: [GitHub](#)
- **RapidShop.it:** An innovative e-commerce platform inspired by Subito, Wallapop, and Vinted. Focused on providing a clear and minimal user experience, it includes features like registration, ad posting, intuitive browsing, language localization, collaboration tools, image management, and powerful search functionalities.
Repository link: [GitHub](#)

LANGUAGE SKILLS

- Italian: Native
- English: Cambridge B2 First Certificate (FCE) obtained in 2021

OTHER INFORMATION

- Passionate about volleyball since a young age, actively participating in the Serie C Championship in Italy.
- Currently learning how to play classic guitar and the theory of music

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