Marco Domenico Buttiglione
Software Engineer

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Profile

Innovative Digital Marketing Manager with 5+ years of experience managing online marketing campaigns and leading cross-functional teams. Skilled in developing integrated marketing strategies that drive brand awareness, engagement, and conversions.

Professional Experience

Frontend Web Developer, *(Wideverse)*   **Bari, IT** *Jan. 2021 - Sept. 2021*

- Developed a CRM portal utilizing ReactJS for the Italian Public Administration's registry office, featuring an integrated chat function for streamlined communication.
- Developed an 3D web configurator using Babylon.js for a client in the outdoor curtains industry, allowing users to customize their products.

Education

MSc Computer Science and Engineering *Politecnico di Milano*   **Milan, IT** *2021 - 2024*

Relevant Courses: Software and Hardware, Data Visualization, Business Intelligence, Digital Marketing, Time Series Analysis & Forecasting. Evaluated as 110/110 cum laude

BSc Computer Science and Automation Engineering *Politecnico di Bari*   **Bari, IT** *2017 - 2021*

Relevant Courses: Software and Hardware, Data Visualization, Business Intelligence, Digital Marketing, Time Series Analysis & Forecasting. Evaluated as 110/110 cum laude

Projects

2000s Cartoon Style 2D Platformer Game, *Paradox!*   **Milan, IT** *Oct. 2022 - Present*

Currently Project Leader and Game Developer with a dynamic team of 6 developers, designers and artists to the development of a 2D platformer game called "Paradox!" borned as a successful university project with the "Politecnico di Milano" and winner of different awards and competitions. The game is available on itch.io in the first university prototype version, but it is still in development.

Virtual Reality Surgery Simulator, *POLIMI SurgSimVR*   **Milan, IT** *Sept. 2023 - Present*

Currently following the development of a VR surgery simulator using Unity and the Oculus Quest 2. The project is still in development and it is available on GitHub.

Pubblications

- Patti A., Vona F., Barberio A., Buttiglione M.D., Crusco I., Mores M., Garzotto F.: *"Training Attention Skills in Individuals with Neurodevelopmental Disorders using Virtual Reality and Eye-tracking Technology"* (Jul. 2024) - HCII2024
- Buttiglione M.D., Guerrera F., Piazzolla P., Colombo G., Gribaudo M.: *"Lung Operation Training in Low-Cost Virtual Reality Simulation Environments"* (Jun. 2024) - ECMS2024

Certifications

International English Language Testing System *IELTS*   **Bari, IT** *2021*

Overall Band Score: 6.0 (B2 Level)