MARRONE PIETRO

Computer Network and Cloud Engineer

📞 +39 392 776 5160   @ pietromarrone8@gmail.com   🔗 https://www.linkedin.com/in/pietro-marrone-43643723b
🔗 https://pietromarroneportfolio.vercel.app/   📍 Torino   ☆ https://github.com/PietroMarrone01

PERSONAL INTRODUCTION

I am Pietro Marrone, and I recently pursued a **Master's in Computer Networks and Cloud Computing**, with a keen interest in the IoT, cybersecurity, AI and cloud world. I am driven by a *persistent curiosity, meticulous attention to detail and a firm commitment to learning*, always seeking to expand my skill set and knowledge base. When faced with challenges, I approach them with determination and dedication, giving my utmost to find solutions and achieve our shared objectives.

EDUCATION

State Exam for Qualification to the Profession of Information Engineer - Section A

Politecnico di Bari e Ordine degli Ingegneri della provincia di Bari

📅 11/2024   📍 Bari, Italy
- Grade: Enabled

International program E+/EU PROGRAM COUNTRIES 2023/2024

DTU (Danmarks Tekniske Universitet)

📅 08/2023 - 08/2024   📍 Copenaghen - Denmark
- Thesis in: Exploring Device-to-Device (D2D) Communication in Cellular Technology. 5G and Beyond.
- Authentication Service Project: design and implementation of an Authentication Service within a Mininet-created virtual network.

Master's Degree in COMPUTER ENGINEERING - Computer Networks and Cloud Computing

Politecnico di Torino

📅 09/2022 - 10/2024   📍 Torino - Italy
- Surplus Food Rescue Web Application: Web App aimed at reducing food waste by rescuing surplus food from shops and restaurants. Promote sustainability by facilitating efficient recovery of excess food.
- Tamagotchi Simulation Project: delivered an animated virtual pet interface displayed on an LCD with a seamless 1-second refresh rate, optimizing user experience through responsive and dynamic animation.
- Transcript of Grades
- Grade: **110/110 with honors**

Bachelor's Degree in COMPUTER AND AUTOMATION Engineering

Politecnico di Bari

📅 10/2019 - 07/2022   📍 Bari - Italy
- Zero Waste Error Project: Web app leveraging Vertex AI (GCP) to identify waste materials and automate disposal processes, improving waste management efficiency through AI-driven recognition for environmental sustainability.
- Transcript of Grades
- Grade: **110/110 with honors**

SKILLS

AWS	GCP	Terraform	Cloud Computing	Cybersecurity

Kubernetes	Docker	GitHub	ISO 27001	Javascript

Linux	Microsoft 365	Network Infrastructure and DC	React

EXPERIENCE

⟆REPLY Cloud and DevOps Engineer

GO Reply

📅 11/2024 - Present   📍 Torino - Italy

Reply Group company specialising in innovative Cloud services based on Google Cloud technology

TRAINING / COURSES

Google Professional Cloud Architect Certification

Advanced knowledge in designing, developing, and managing secure, scalable, and reliable cloud solutions on Google Cloud Platform. Skilled in aligning technical strategies with business objectives.

Certificate Holder - ETHICAL HACKER & PENETRATION TESTER

Achieved certification as an "Ethical Hacker & Penetration Tester", demonstrating proficiency in identifying system vulnerabilities and implementing strategic cybersecurity measures to safeguard against threats.

Certificate Holder - QUALITY MANAGEMENT SYSTEM AUDIT GROUP

Earned certification in "Quality Management System Audit Group Managers/Auditors", culminating in a final examination that solidified expertise in quality assessment techniques, influencing the quality management practices of 15+ team members.

Certificate Holder - Lead Auditor of Information Security Management Systems (ISO 27001:2017)

Certified as a "Lead Auditor for Information Security Management Systems" according to ISO 27001:2017 standards, equipped with expertise in auditing, managing, and ensuring compliance with global security protocols.

Certificate Holder - ISO 19011:2018

Acquired knowledge and skills through the completion of the "BASIC MODULE FOR AUDITORS/AUDIT GROUP MANAGERS, ISO 19011:2018," strengthening the ability to identify compliance risks and enhancing overall audit effectiveness within the organization.

LANGUAGES

English
Proficient   ●●●●○

Italian
Native   ●●●●●

VOLUNTEERING

Volunteer – Roskilde Festival

Roskilde Festival

📅 07/2024 - 07/2024   📍 Roskilde, Denmark

Supported event operations at one of Europe's largest music festivals.