

MARRONE PIETRO

Computer Network Engineer

📞 +39 392 776 5160

🌐 <https://www.linkedin.com/in/pietro-marrone-43643723b/>

🌐 <https://pietromarroneportfolio.vercel.app/>

⭐ <https://github.com/PietroMarrone01>

@ pietromarrone8@gmail.com

📍 Copenhagen



EDUCATION

International program E+/EU PROGRAM COUNTRIES 2023/2024

DTU (Danmarks Tekniske Universitet)

📅 08/2023 - 08/2024 📍 Copenhagen - Denmark

- Thesis in: **Exploring Device-to-Device (D2D) Communication in Cellular Technology. 5G and Beyond**
- **"Authentication Service"** project, conceived to ensure security and efficient traffic management in a virtual network created with Mininet

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

Politecnico di Torino

📅 09/2022 - 10/2024 📍 Torino - Italy

- **Web Application** for the rescuing of surplus food (like "Too Good To Go"). Design and implementation of a Web App aimed at recovering excess food from shops and restaurants.
- **Developed a Tamagotchi** simulation using the LPC1768 Landtiger Cortex-M3 microcontroller in C. The project features an animated virtual pet displayed on an LCD with a 1-second refresh rate.
- [Transcript of Grades](#)

Bachelor's Degree in COMPUTER AND AUTOMATION Engineering

Politecnico di Bari

📅 10/2019 - 07/2022 📍 Bari - Italy

- Thesis in **"Development of a System for the acquisition and processing of Electromyographic signals"**
- "ZERO WASTE ERROR" Project: development of a Web Application that, through AI (Vertex AI - GCP) recognizes waste material and communicates correct disposal
- Grade: **110/110 with honors**

LANGUAGES

English

Proficient



Italian

Native



SKILLS

| | | | | | |
|---------------|------------|-----------------|-----------------|-------------------|-----------|
| AWS | Bash | Cloud Computing | Cybersecurity | C | Data Base |
| Docker | Excel | GitHub | IoT | IPv4 - v6 | ISO 27001 |
| JavaScript | Kubernetes | LANs | Linux | Machine Learning | Matlab |
| Microsoft 365 | Mininet | Node.js | ONOS Controller | Openstack | |
| Passport.js | Python | PL/SQL | React | Routing Protocols | Rust |
| SQLite | VLANS | VPN | | | |

EXPERIENCE/COURSES

Preparation course for AWS Certified Cloud Practitioner (CLF-C02)

Udemy

📅 09/2024 - Present

- Preparation course for AWS Certified Cloud Practitioner (CLF-C02)

Certificate Holder - ETHICAL HACKER & PENETRATION TESTER

Fata Informatica

📅 02/2022 - 03/2023

🔗 https://drive.google.com/drive/folders/1F1khaWfsQNCKt_DEdCOM4yP_lkXMiYK?hl=it

- Certificate of attendance and passing of the final exam: ETHICAL HACKER & PENETRATION TESTER
- Online course with CPEH certification

Certificate Holder - QUALITY MANAGEMENT SYSTEM AUDIT GROUP

KIWA CERMET - Certification Company

📅 08/2020 - 08/2020

- 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 - ISO 27001:2017

KIWA CERMET - Certification Company

📅 07/2019 - 07/2019

- Certificate of attendance and passing of the final exam of "AUDITOR/LEAD AUDITOR OF INFORMATION SECURITY MANAGEMENT SYSTEMS ACCORDING TO ISO 27001:2017"

Certificate Holder - ISO 19011:2018

KIWA CERMET - Certification Company

📅 07/2019 - 07/2019

- Acquired knowledge and skills through the completion of the "BASIC MODULE FOR AUDITORS/AUDIT GROUP MANAGERS, ISO 1:2018," strengthening the ability to identify compliance risks and enhancing overall audit effectiveness within the organization

PASSIONS

💎 Sports

💎 Music

💎 Reading books