Edoardo **Colella**

Software Engineer

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Education

Politecnico di Torino   *Turin, Italy*
M.Sc in Computer Engineering   *Mar 2022 – Apr 2024*
    Final mark: 110L/110

Politecnico di Torino   *Turin, Italy*
B.Sc in Computer Engineering   *Oct 2018 – Mar 2022*
    Final mark: 100/110

Experience

Mu Nu Chapter of IEEE-HKN   *Turin*
President   *Oct 2022 – Sept 2023*
- I led the first European chapter of this prestigious IEEE-affiliated honor society, which was established in 2017
- I collaborated with the board members to manage daily activities, shape future initiatives, and introduce innovative proposals
- I supervised the organization of tutoring sessions, company visits, hosted Corporate Training sessions and public events

Politecnico di Torino   *Turin*
Student Teaching Assistant   *Oct 2022 – Sept 2023*
- I facilitated computer science labs for various courses, assisting students with Java, Python, and core programming concepts
- I provided guidance, debugged code, and reviewed their work to solidify their understanding.

Unicredit Enterpreneurs #Gen-Next   *Turin*
Partecipant   *March 2024*
- As one of 200 chosen students, I participated in the UniCredit Entrepreneurship Course, learning fundraising and marketing from successful founders and investors
- This unique program equipped me with the skills and knowledge to launch my own startup in the future.

Skills

Languages
    C, C++, Kotlin, Java, Javascript, Python

Tools
    React.js, Node.js, Spring Framework

Systems
    Amazon Web Services (AWS), PostgreSQL, Docker

Soft skills
    Communication, Teamwork, Flexibility, Initiative, Leadership, Problem Solving, Time management, Adaptability, Agile

Projects

P-way Graph Partitioning
    Project developed in C++ regarding partitioning of weighted graphs by implementing the Multilevel-KL algorithm, in sequential and parallel versions. (Repository)

Ticketing Service
    Backend of a web application, made in Kotlin, Spring, MongoDB and with a microservice architecture, that allows customers of electronic goods to manage assistance tickets. (Repository)

Certifications

Nov 2023	**AWS Cloud Practitioner**,	Credentials
Febr 2024	**MongoDB Associate Developer**,	Credentials
Febr 2024	**GitHub Foundations**,	Credentials