

Alessandro Chiarelli

COMPUTER ENGINEER

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Summary

I am a Software engineer with multidisciplinary interests. I spend my free time improving my hard skills and my knowledge in many different fields, including economics, blockchain, poetry, music, history, and finance. I also enjoy experiencing different cultures and traveling.

Spoken Languages Italian (Native), English (C2), French (C1), Spanish (B2), Chinese (Basic), Finnish (Basic), Estonian (Basic)

Experience

ION Group - LIST

SOFTWARE ENGINEER

Turin, Italy

September 2023 - Present

Joined as part of the Leadership Development Program, a graduate program with 6-month rotations to work on different projects. First rotation working on CFX Monitor, a product used to analyze exposition on foreign currency used by Intesa San Paolo, the major Italian bank. Technologies: Oracle PL/SQL, Angular, Java, Git

Amazon

SOFTWARE DEVELOPMENT ENGINEER INTERN

Barcelona, Spain

March 2022 - August 2022

Developed an internal tool for automating the tracking of machine learning models and experiments, to be used by Amazon Search and other similar customers. The team was spread over two time zones and was invited on a business trip to the US to meet half of the team in Palo Alto. Technologies: Python, AWS, SageMaker, Git, Bash

Blue Reply

ENGINEERING INTERN

Turin, Italy

March 2021 - May 2021

Research on the FIDO/WebAuthn protocol, analysis and study of use cases, and realization of a few working demos to simulate passwordless and/or multifactor authentications and registrations. Technologies: Java, Python, Ping, Javascript, HTML, CSS

JAES

CONSULTANT

Treviso, Italy

September 2018

Educational activity about the dynamics and logic underlying the creation and management of a business YouTube channel, with a focus on showcase of industrial components and educational videos about their operations in English, Italian, and French.

Multiple organizations

HIGH SCHOOL INTERN

Palermo, Italy

September 2016 - May 2018

Tourist guide at Palermo's Unesco club and Villa Zito museum. Competitive swimmer at regional level.

Education

Aalto University - Tartu University

M.Sc. SECCLO IN SECURITY AND CLOUD COMPUTING - EMJMD SCHOLARSHIP WINNER

Finalnd - Estonia

2021 - 2023

Double degree program, major in Cryptography, thesis on Blockchain Oracle security. Courses ranging from Web Development (Nodejs, Deno, Django), to Cloud technologies (GCP, AWS, Docker, Terraform), to Security (Information Security, Cryptography, Network Security)

Polytechnic of Turin - Tongji University

B.Sc. IN COMPUTER ENGINEERING - "GIOVANI TALENTI" HONOR'S CLASS AND POLITONG SCHOLARSHIP

Italy - China

2018 - 2021

Computer engineering bachelor with an exchange year in China. Courses range from engineering fundamentals to Electronics and Computer science. BIT PoliTO co-founder, a students' association to research Bitcoin and Blockchain. Technologies: C, Django, MySQL, HTML, CSS, Git

Lycée "Claude Gellée"

HIGH SCHOOL EXCHANGE YEAR

France

2015 - 2016

Exchange year in high school with AFS Intercultura - AFS Vivre sans Frontières. Financed by a full scholarship.

Honors & Awards

2023	Lecturer , Settimana dello studente, Liceo "S. Cannizzaro" - one week blockchain course	Italy
2022	Guest lecturer , Settimana dello studente, Liceo "S. Cannizzaro" - one blockchain lecture	Italy
2021	Guest lecturer , Relations with East Asia - B.Sc. in Economics - Udine University	Italy
2021	Winner , EU - Erasmus Mundus Joint Master's Degree - scholarship for SECCLO	Finland
2020	Winner , Huawei Seeds For The Future, training for 50 high talented ICT students	Italy
2020	Mentee , LeadTheFuture, the biggest STEM community in Italy	Italy
2019	Winner , Politong scholarship, one in 11 students from Turin admitted to Tongji	Italy and China
2018	Inscription , National Excellence Bulletin board, Italian ministry for education, reasearch and university	Italy
2016	Membership , Mensa, Italian Branch	Italy
2015	Winner , Scholarship for a year abroad by Intesa San Paolo with AFS Intercultura	Italy and France