

Simone Dutto

CLOUD AND APPLICATION ENGINEER

Live in Via Santa Chiara 41, Turin (TO), Italy

☎ (+39) 3475785860 | ✉ simonedutto8@gmail.com | [in simone-dutto](https://www.linkedin.com/in/simone-dutto) | Born on October 24, 1996



“Computer science is no more about computers than astronomy is about telescopes.” Edsger Dijkstra

Summary

I am really into solving difficult problems in fastest way possible. I love history, books and learning by myself.

Work Experience

R&D Software Engineer at Cleafy

FULL-TIME JOB

[Milan, Italy](#)

Dec. 2021 - Now

- We develop solutions of frauds detection for the banks environment, both customers and corporate side.
- I'm gaining experience in a micro-service and event-driven cloud application with an outlook for security and privacy.
- We use Kanban, code reviews and CI/CD techniques to deliver innovative but solid solutions from design to MVP.

Cloud Engineer and Application Developer at TOP-IX Consortium

FULL-TIME JOB

[Turin, Italy](#)

Dec. 2020 - Nov. 2021

- Cloud engineer, successfully installed OpenStack from machine and networking setup to day-to-day operations.
- Application developer, gained experience in application development in a cloud environment using Angular and NodeJS.
- Teaching experience, one of the first teachers for AWS Re/Start program in Italy.

ERC project about Computer Brain Interface at PoliTo

INTERNSHIP

[Turin, Italy](#)

Set. 2018 - Oct. 2018

- Developed abilities in Computational Electromagnetic and Numerical Analysis
- Implemented C++ libraries on Gaussian Integration and Graph Theory applied to triangular discretized geometrical structures
- Only students with high grade point average were selected

Education

Polytechnic University of Turin

MASTER DEGREE IN DATA SCIENCE

[Turin, Italy](#)

Ott 2018 - Ott 2020

- Paper extracted from the final thesis: [Exploring Deep Learning for In-Field Fault Detection in Microprocessors](#) for the DATE 2021 Conference.
- 110/110

Polytechnic University of Turin

BACHELOR DEGREE IN COMPUTER ENGINEERING

[Turin, Italy](#)

Ott 2015 - Jul 2018

- Degree accomplished in the first possible degree's session.
- 108/110

Liceo Scientifico G. Peano

HIGH SCHOOL DIPLOMA

[Cuneo, Italy](#)

Sett 2010 - Jul 2015

- Term Paper on Alan Turing.
- 85/100

Projects

Machine Learning and Artificial Intelligence

PAPER

February. 2020

- Me and one of my colleague wrote a paper on enhancing performance of ESDR for Character Super Resolution
- The paper can be found at my [GitHub Page](#)

System Programming

APPLICATION

May. 2020

- My group developed a Collaborative Editor in C++ and Qt, similar to Google Docs
- The repository can be found at my [GitHub Page](#)

Extracurricular Activity

HKN Polito

HEAD OF COMMUNICATION AND MEMBER OF THE BOARD

Turin, Italy

Oct. 2019 - Oct. 2020

- In charge of handling and managing the Communication Team which has its focus on events' advertising. From leaflets to social
- Member of the Board, which is responsible of taking strategic decisions for the current year

HKN Polito

Co-HEAD OF IT AREA

Turin, Italy

Ott 2018 - Ott 2019

- In charge of organizing and developing little technological projects together with other people in IT area
- We developed an autonomous toy car with machine learning, a telegram bot to handle the activity of organization and the website and much more
- The source code of the first two could be seen in my GitHub Repository
- The website is at hknpolito.it

Team FUSED at PoliTo

MEMBER

Turin, Italy

Ott. 2015 - Ott. 2016

- Student team to develop a drone to rescue people involved in an avalanche
- Gained experience in Arduino and basis of welding and electronics

Honors

INTERNATIONAL

2018 **Inducted by IEEE-HKN**, Honor Society dedicated to encouraging and recognizing individual excellence

*Polytechnic of
Turin, Italy*

Certifications

AWS Solution Architect Associate 26/03/2021

Languages

Italian: Native Language

English: IELTS 7.0, 2017