

# FEDERICO GIANNO

## Software Engineer

Detail-oriented Software Engineer adept at motivating self and others. Passionate about Optimization Methods, Blockchain, Cloud Computing and educate the next generation of technology users and innovators. Oriented toward challenges that require strong problem solving skills.

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## WORK EXPERIENCE

### IT Consultant

#### Netlight

Sep 2021 - Now | Berlin, Germany

- Building and growing engineering organisations, shaping product and engineering best practices. Took an active role in the early stages of discussing problems domain, possible solutions and architectures.
- Providing a culture of sharing knowledge we help our clients to grow, create and engage together.

### Software Engineer

#### Elinvar

Sep 2020 - Aug 2021 | Berlin, Germany

- Designed and implemented critical components of the internal alerting system, enabling operational scalability and enhancing monitoring capabilities for improved performance and productivity.

### Junior Software Engineer

#### Amadeus

Sep 2019 - Aug 2020 | Nice, France

- KPIs creation to monitor the different steps of the shopping and availability flows (100k TPS) of Amadeus customers.
- Developed and migrated the Booking Flow Monitoring Tool to a microservice architecture fully hosted in Amadeus Cloud Service.

### State-of-the-art Research

#### Computer Networks Group at Politecnico di Torino

Nov 2018 - Apr 2019 | Turin, Italy

- Research and development in the NFV and SDN network architectures of a standard data-format and implementation of a RESTful web service to store and retrieve the NFV/SDN information.

## EDUCATION

### Politecnico di Torino

#### Master's Degree - Software Engineering, 102/110

2018 - 2020 | Turin, Italy

### Politecnico di Torino

#### Bachelor's Degree - Computer Engineering

2014 - 2018 | Turin, Italy

## PERSONAL PROJECTS



### ESP32 Tracking System

Distributed system to gather, analyze and store data related to triangulation and analysis of mobile devices in buildings. The system sniffs and analyzes Probe Request packets sent by smartphones searching for Wi-Fi connections.



### APPetit

Android food delivery APP: Customer app (search restaurants and manage the orders), Restaurant app (create and maintain the restaurant profile) and Rider app (manage deliveries).



### LoL Fight Tactics

League of Legends fight tactics tool made in GoLang which allows to download champions data, make them fight and get the best spells combination based on the time needed to defeat the enemy champion.

## SKILLS

Problem Solving

Microservices

Java

Software development

REST APIs

C

Heuristic algorithms

Go

Python

k8s

GCP

AWS

SQL

NoSQL

## LANGUAGES

Italian

Native or bilingual proficiency

English

Full professional proficiency

French

Elementary proficiency

## HONOR & AWARDS



### Hackathon

First place in "Hello BOT!": developed a Python telegram BOT • First place in "Like@Home": developed an home assistant for Cloud Speech-to-Text service.



### Swimming

Regional champion for five years in a row • Five Italian national finals • Participated twice in international competitions.