

FedericoGianno



SOFTWARE ENGINEER

DoB: 12/09/1995

Located in Nice, France

Contact

+33 6 27 07 67 66 ☎

+39 349 6087065 ☎

j4nn0.github.io 🏠

J4NN0 🔄

gianno-federico in

giannofederico@gmail.com ✉

Skills

Technical: C • C++ • Python •

Java • Bash • PHP • SQL

Soft Skills: Attention to detail •

Teamwork & cooperation

Teaching • Time management

Languages: Italian, *Mother*

tongue • English, *Professional*

working proficiency (IELTS B2)

• French, *Elementary*

proficiency

Extra Curricular Activities

Coding Competition •

Member of Machine Learning

Student Group at PoliTO •

Competitive Swimmer

Honors & Awards

Swim: Regional Champion for

5 consecutive years • Five

Italian National finals

Participated twice in

International Competition.

Hackathon: First place in "Hello

BOT!" by Mu Nu Chapter of

IEEE: developed a Python

telegram BOT • First place in

"Like@Home" by Mu Nu

Chapter of IEEE (sponsored

by Reply): developed an home

assistant for Cloud

Speech-to-Text service.

Profile

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

Experience

2016 - 2018

Private Tutor

Turin, Italy

Computer Technology and Maths

- Provided private lessons, concerning maths and computer technology, to high school students.

2018 - 2019

Student Researcher

Turin, Italy

Politecnico di Torino - Associated with netgroup PoliTO

- Study and design data models for NFV and SDN architectures: proposed a new data format for the representation of all the most relevant information in the NFV and SDN contexts and implemented a RESTful web service that permits to store and retrieve the NFV/SDN information.

2019 - Now

Software Engineer - Amadeus

Nice Area, France

Alten

- Worked on functional monitoring solutions, covering platforms ranging from backend development (C++/Python) to Hadoop, data storage (MySQL/Elastic Search) and access (REST API).
- Developed tools for the Amadeus Cloud Service. Gained knowledge about distributed computing, OpenShift/Kubernetes and Kafka.

Education

2009 - 2014

Scientific High School P.N.I. - Math and Physics

Noto (SR), Italy

High School Diploma, 93/100

2014 - 2018

Politecnico di Torino

Turin, Italy

Bachelor's Degree - Computer Engineering

2018 - 2020

Politecnico di Torino

Turin, Italy

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

Notable Projects

2017

Wordlist Generator

Personal Project

Tool that allow you to generate your customized wordlist for penetration testing practice (brute force attack, dictionary attack, etc.). Different methods (combinatorics and recursive approach) are available in order to make it.

2018

ESP32 Tracking System

Academic Project - System and Device Programming

Distributed system to gather, analyze and store data related to triangulation and analysis of mobile devices in buildings. The system sniff and analyze probe request packets sent by smart-phones that are looking for Wi-Fi connection.

2019

Machine Learning

Academic Project - Machine Learning and Artificial Intelligence

PCA applied on images and Naive Bayes Classifier to classify image. Validation, cross validation and grid search with multi class SVM. Convolutional Neural Network implementation from scratch in PyTorch on a big image dataset.