Federico**Gianno**

Contacts

+33 6 27 07 67 66 📞
j4nn0.github.io 🏠
J4NN0
gianno-federico **in**
giannofederico@gmail.com ✉
Nice, France 📍

Skills

Domain knowledge:
Problem-solving • Machine
Learning • Meta-heuristic
algorithms • Multithreaded
programming • Unix
Technical: C • C++ • Python •
Java • Matlab • Bash • AWK •
PHP • SQL • JS
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

Swimming: Regional
Champion for 5 consecutive
years • Five Italian National
finals • Participated twice in
International Competition.
Hackathon: First place in
"Hello B0T!" 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, 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.

Work 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

Projects

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.

2019 · **APPetit** · Academic Project - Mobile Application Development
Android food delivery APP. Developed three different apps: customer app (search restaurants and manage the order), restaurant app (create and maintain the restaurant profile) and riders app (delivery man can see the orders and access both the restaurant and the delivery address).