

Carmine Sacco

Software Engineer



carmine.sacco91@icloud.com



+39 3452764291



carmine.sacco91



linkedin.com/in/carmine-sacco

Work Authorization

Europe: Eligible to work inside EU

USA: Visa Required

Education

M.D. Computer Engineering
Polytechnic of Turin | 2015 |
106/110

B.D. Computer Engineering
University of the studies of Salerno |
2012 | 100/110

Skills

Languages: C++, Java, C, Python,
Android, SQL, Matlab, iOS

Web: HTML, CSS, JS, JQuery, PHP,
React

Databases: MySQL, MongoDB,
Aerospike

Framework: Spring, Qt, CMake

Other: MS Office, JIRA, Git, Doors

Achievements

Honeywell International s.r.o
- Bonuses for completing challenging
tasks
- 1st Prize at Honeywell Hackathon
for the best innovative idea

Startupper @ Toctherapy
- 1st Prize at Perotto-Zucca contest
- Participant at Cosmofarma fair
- Selected by I3P, Innovative
Enterprises Incubator

Certifications

Neural Networks & Deep Learning
powered by Coursera

Elements of AI powered by
University of Helsinki & Reaktor

Work Experience and Internships

Feb'19 - Aug'20 Software Engineer

Honeywell International sro, Prague, Czech Republic

- Built up a new protocol for the data communication between the aircraft and ground station inside an European project funded by ESA, saving 25% cost comparing to the partners
- Collaborated with several teams worldwide to increase my domain expertise.
- Engaged in R&D team as C++ expert for developing a tool for the automatic validation of huge amount of flight plans
- Coordinated the innovations for my team of 20 distributed around the country.
- Lead a team of 4 in order to prototype my idea about a virtual assistant during a hackathon. My team won 1st prize.
- Collaborated with a different team to create a web application in React and Java such that to accomplish a new project in our team.
- Achieved several bonuses for my innovative ideas and my attitude to reach the goals in challenging project.

May'17 - Dec'18 Consultant Engineer

Teoresi spa, Turin, Italy

- Engaged in R&D team of an international automotive company to speed up the production of an Unix embedded device for the monitoring of vehicle and for supporting the driver through an emergency call. Two version of product were launched.
- Upgraded the software update of devices by remote from single job to multiples using C++ and Boost library
- Developed a server application to store the log files provided by the embedded devices using MongoDB and Java
- Analysed and coordinated with the partners and the customer the activities to solve the issues due to the software update.
- Solved an issue on field through a Python application to analyse a dataset of log files in order to find a pattern on the errors
- Supported the test and the release activities made by the customer.

Feb'16-Apr'17

Research Assistant

Polytechnic of Turin, Turin, Italy

- Designed a web application based on search engine for image retrieval based on their fingerprint. The application was able to analyse 50 million of images and to provide the results in 2 seconds. The web application was approved by European Research Council (ERC)
- Built up an Android application for a third-party authentication system based on the mobile device's camera.
My group of research founded a startup: Toothpic srl

Dec'14 - Jun'16 Startupper

Toctherapy, Turin, Italy

- Engineered in a team of 4 a web and mobile application in order to provide attested information to the citizen about healthcare services offered by public and private hospitals.
- Engaged in I3P, Incubator of Innovative Enterprises. Evaluated the business plan in according to the market analysis
- Achieved several prizes and awards as innovative start-up.
- Upgraded the full-text search into semantic search using NLP techniques and Apache Solr framework

Jun'12 - Aug'12 Internship

Sautech srl, Cava De' Tirreni, Italy

- Implemented my bachelor thesis as internship which goal was the development of a web service for orders' processing between partners using .Net environment and C#.