Carmine Sacco

Software Engineer

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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
Univerisity 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
Entrreprises Incubator

Certifications

Neural Networks & Deep Learning
powered by Coursera

Elements of AI powered by
University of Helsinky & Reaktor

Work Experience and Internships

Feb'21 - today Employeneur   TMC Italy spa, Rome, Italy

- Engineering the core of a new IoT platform for luxurious cars for the R&D department of an automotive company.
- Developing multithreading applications based on C++ and QT framework using several communications protocol.

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 on the market.
- Coordinated the activities with the partners and the customer for solving critical issues.
- 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 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.
- 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