

Curriculum Vitae

Fabio Massimo D'Amore

PRESENT RESIDENCE:

CNR - ISTC		
it:	CI:	F:
	N. 0003023	06/12/2019



Telephone:
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PERSONAL DATA:

Date of birth:
Place of birth:
Nationality: Italian
Marital status: Married

EDUCATION:

2018 – 2019 Advanced School in AI – Machine Learning Applications (ISTC/CNR Rome).
2018 Teaching credits (24cfu).
1990 - 1996 Graduated degree in "Mathematical Science" - Rome "La Sapienza".
1985 - 1990 High school, certified as Industrial Technician.

SUMMARY:

After the high school studies and a commitment in an Italian professional basketball team, I achieved the degree in Mathematical Sciences at the University "La Sapienza" of Rome. Then I have worked for some software companies.

Today I'm employed in Alitalia Airline in Rome, Italy and I'm looking for even more challenging and interesting working experience. I believe that understanding and using artificial intelligence and deep neural networks is the foundation for a modern industry, so I decided to participate to the "Advanced School in AI" at CNR-ISTC in Rome where I found a young group of people authentically interested researching and building the new frontiers of machine learning, robotics and brain understanding.

About my working experience in Alitalia, since the beginning I have had the opportunity to understand the airline's business with the focus on Flight Operations. Then I moved to the Information Technology Department, Web division as a System Analyst to support a wide variety of business clients with custom solutions. Promoted to Project Manager I was responsible of the whole project life cycle, starting from the business needs and ending with the service delivery assurance. My main role was to design functional and technical solutions, coordinate teams made up both internal or external resources and suppliers, plan the activity and control costs to achieve project goals. Today I moved to Alitalia Cargo in Marketing and Revenue Management office.

RESEARCH EXPERIENCE:

2019 – Today

CNR-ISTC

- Engaged in +Me project to reengineer the Android software that control the "remote pillow". +Me is a project whose aim is to provide soft interactive wearables to facilitate social interaction and support the development of social skills of children with Autism Spectrum Disorders by leveraging highly motivating sensorial feedbacks.
- Engaged to experiments and build Natural Language Processing models using Artificial Intelligence to automatic checker for answers. To carry out successfully this extremely challenging task I investigate lot of different Machine Learning technique like words and sentence embeddings, autoencoders, support vector machines, boosting and genetic models selection.

WORKING EXPERIENCE:

1998 – Today

Alitalia Group

Cargo Marketing and Revenue Management (2019-Today)

Mainly focused on new Cargo web portal and the integration with CRM (Salesforce), I have the opportunity to expand my airline experience understanding cargo business process.

Information Technology Project Manager (2015-2019)

I worked in a wide range of projects where I could exert my personal skills and competence as team coordinator and problem solver. According to the current software lifecycle and development guideline (Waterfall method - ITIL V3 Framework), I have supported users during business requirements phase and thanks to UML, design solutions and the integrations with legacy systems. I planed resources, coordinate IT project team and evaluate and constantly control costs.

Moreover I delivered IT solutions and coordinate the maintenance according to the internal prescriptions.

Mainly focused on Staff Ticketing projects and solutions (actually used by more than 20.000 employee and retiree), main streams were:

- IT responsible for the design, develop, integration (to legacy systems thanks to a SOA layer) and delivery of the custom Web based solution
- IT responsible for the Staff Ticketing solution maintenance :
 - system improvement
 - migration from ARCO reservation and ticketing to SABRE platform
 - migration from the custom to myIDTravel platform (Lufthansa Industry SaS) and integration to SAP
- Member of scoping team for Staff Travel and Expense Management (STAR) project focused to adopt a common platform for all Etihad Partners
- IT responsible for mainframe downsizing project stream focused on historical Staff Travel data migration to TeraData Data Warehouse, using DataStage as ETL and Business Object for reporting
- IT responsible for version upgrade and consolidation of Manager's payroll system (Sipert)

Information Technology Analyst (2000-2015)

Mainly focused on Internet/Intranet technology and projects to support business. I had designed and led the development of AZ Suite that is a web based collaborative platform used to share info and documents, to support flight simulator maintenance process and revenue management planning flow.

IT member of Staff Ticketing project to adopt a Web based integrated solution to sell discounted tickets to airlines employees.

I was also part of a team that performed studies about e-Fly Bag, e-Learning platform, Employ Portal Server, Crew Portal Server.

All those activities let me to understand several and complex airline business processes: Operation Control, Flight Simulator Maintenance, Revenue Management, Crisis Management.

Business Analyst (1998-2000)

I was in Flight Operation Division encharged to customize the new Crew Assignments System provided by Carmen System (today Jeppesen), to integrate with legacy system and support users in production process. I was part of a working team travelling periodically to swedish Carmen System Headquarter.

1997 – 1998

EDS

Business Analyst

I was in Telecom Italia on G.I.R. project (Gestione Integrata Reclami), my work is about customizing Business Object to produce reports.

1996 – 1997

SRD

Information Technology Specialist

I was in Telecom Italia on A.R.P. team, my work was Ansi C programmer and to support UNIX system administrator.

I was involved also in Linux system administration and configuration, and in HTML/CGI web programming.

LANGUAGES:

Italian

Mother tongue.

English

Pearson English Certificate of Completion-General English Level 5. Medium level of technical English (computer and aeronautical) spoken and written.

TECHNICAL ACQUAINTANCES:

Certification

Advanced School in Artificial Intelligence (AS-AI) Interdisciplinary research and applications in Machine Learning, Brain, Mind and Society

PRINCE2® Foundation Certificate in Project Management.
Certificate n. 6119907.20708304

Training

(IN.SI.) Awareness Project Management, Prince 2 Foundation, Prince 2 Practitioner, Governance: Policies & KPI.
(Pearson English) General English Level 5.
(Elea) Intranet: Design and implementation.
(Telesoft) Trade Object-Oriented Analysis & Design, Rational Rose to support Trade Trade.
(Microsoft) Building XML based Web applications, Customizing M.O. SharePoint product and Tech. 2003, Programming with Microsoft VB .Net, Develop Web applications with Visual Studio .Net.
Participations to some meeting owned by "Politecnico di Milano" on Intranet and Wi-Fi (Osservatorio Digital Innovation Academy).
Various courses of Carmen CAS (Crew Assignment System) programming and administration.

Operating Systems

Windows, SUN Solaris , Linux, DOS.

Programming languages

Python (Keras/TensorFlow), R, Java (JDK and Android), C for Arduino , JavaScript, ASP, VB Net, ASP Net., Ansi C, HTML, Turbo Pascal, Basic.

Developing environment

Eclipse, Android Studio, Visual Studio, SoapUI.

Spare projects

Web site development and maintenance (Joomla 1.5, php, mysql). PHP web service development.
Android phone apps development and connection with web services, Arduino projects (hardware and software development) and interface between the two platforms (via Bluetooth).

OTHER INTERESTS:

Sports

Sailing license on 1998. From 2000 sailing instructor and skipper of Horca Myseria, skipper for charters, team building and regattas.
Advanced diving certification.
Traditional martial arts (Kung Fu) since 1995.
I played basketball for 10 years in one of the major Italian team.

Various

Volunteer in an hospital (CPO Ostia) where I was teaching young people, that has disease after accidents, to use a personal computer.