Francesca Sperati

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Energetic Software Engineer with extended experience designing and developing cross platform applications and websites.

Indefatigable student, graduated in Engineering Management in Rome 2013, and just got a Bachelor degree in Software Engineering in Melbourne 2019.

Skills & Abilities

- Creation of UX interfaces and UI graphic interfaces
- Project Management skills and ability to work autonomously and/or in team with Agile environment
- Back-End and Services development with PHP, C#, .NET, C++ and JavaScript/NodeJS
- Web and Front-End development with HTML5, CSS, Jquery, React with MVC architecture
- Web CMS development, including WordPress
- Mobile Apps development with ObjectiveC for iOS, Java for Android, Flutter for cross-platform
- Database development, scripting and management with MySQL, SQL, Firebase, Access
- Micro Services interfaces for JSON for RestAPI and XML for SOAP for Enterprise Systems
- Good communication skills, initiative and I'm not afraid to exit my comfort zone
- Problem solving attitude, a must for IT professionals

Bachelor in Software Engineering and Mobile App Development

2019 | AIT - ACADEMY OF **INFORMATION TECHNOLOGY, MELBOURNE**

Final Project: "Smart Pet Door" - an AI pet door that opens only if the pet is face recognised

· Software engineering · iOS

· Advanced web · UX / UI Design

· Programming · Java

· Studio · Digital Project Management

· Networks · Enterprise Systems

Bachelor in Engineering Management and Information Technology

2013 | Università' di Roma La SAPIENZA

Thesis: "Migration from an XML non-relational Database, to a normalized Relational one, through a Java Software"

· Software Engineering · Database

· Programming · Networks

DIPLOMA of Information Technology

2006 | ITIS G. Armellini, Roma

· Telecommunications · Design of computer systems

· Programming · Networks

**Data Analyst | ALIA International | Consulate General of Italy in Melbourne |
Melbourne | 02/2020 – 05/2020**

Inspection, cleansing, transformation and modeling of data related to all those citizens registered to AIRE (Registry Office for Italian Citizens Residing Abroad), with the goal of normalizing and optimizing the database before the 2020 Italian Referendum.

Tools and Languages used: Microsoft Access and SQL.

**UX Designer / UI Designer / Software Developer | Ready Teacher |
Melbourne | 06/2019 – 01/2020**

Software development of a cross platform platform which allows english teachers to manage their timetable and availability, and get jobs from the colleges which are looking for staff, either casual or permanent; all this with the automatization of the chatbot built with Artificial Intelligence.

Tools and Languages used: React, Javascript, HTML, and CSS.

**UX Designer and Software Developer | Nomit |
Melbourne | 09/2018 – NOW**

Software development of a cross platform platform (WISP) which allows job seekers to manage their profile and update skills and curriculum, and get in contact with companies which are looking for staff, all this with the automatization of the matching process through a skills based algorithm.

Tools and Languages used: Node js, Javascript, HTML, and CSS.

Software Developer | AIT | Melbourne | 07/2018 – 10/2018

Fullstack development of an e-commerce website (Verde) of women's clothing and accessories.

Tools and Languages used: PHP, Javascript, HTML, and CSS.

Project Management, Software Design, and UX/UI Design of a utility iOS application (Parkie) which integrates Geolocalization and DB management.

Tools and Languages used: Android Studio, .

Analyst TIBCO | Spiti Group | TELECOM ITALIA | Rome | 04/2013 – 05/2014

Management of the middleware system within the Telecom Italia CRM of the billing department.
Tools and Languages used: Tibco HAWK, Win2000, UNIX

Java Developer | Spiti Group | Rome | 10/2012 – 04/2013

Development of small code parts in Java, UNIX, SQL, e ABAP.