Diego Amicabile

Data, Machine Learning and Full Stack Engineer

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Experienced Full-Stack Engineer pursuing a career in Machine Learning, Data Science and Data Engineering. Over 15 years' experience designing, developing and deploying IT applications. High competence in understanding customers' needs and requirements. Experience in international projects in three different countries (Italy, Germany, Poland) as a Software Developer and IT Project Manager.



Programming Languages: Java, Python, Pascal, Javascript, C, C++, Bash/Shell scripting, HTML/CSS

Data Science: Numpy, Pandas, Matplotlib, Scipy
Machine Learning: Scikit-learn, Tensorflow, Keras

Natural Language Processing: Gensim, Spacy, NLTK, Word2Vec, Tfidf

Streaming: Spark, Kafka

Java Frameworks: Swing, Struts, Webwork, Spring MVC, Spring, Hibernate, JAX-RS, EJB, Wicket, JSF, DWR,

Xerces

Python Frameworks: Requests, Flask, Jinja2, Google APP, Scrapy, Beautifulsoup

Javascript Frameworks: JQuery, Node.js, , Angular.js, D3.js

Databases: Oracle Database, **MySQL**, Sybase

IDEs: IntelliJ Idea, Eclipse, Pycharm, Webstorm

Development Tools: Anaconda, Git, Maven, SVN

Middleware: JBoss, Tomcat, Websphere Application Server
Operating systems: Linux Ubuntu, Windows 7, Linux Mint, Windows 8

Architecture: UML

Project Management: PMP, Scrum, Kanban

Deployment: AWS, Docker, Nginx, Apache Web Server Other: REST/JSON, SOAP/XML, Hudson, Jenkins

Work Experience

November 2017

Data Scientist, Data Science Retreat, Berlin, Germany

August 2017

Studied and practiced Machine Learning, Data Engineering and Data Science skills, using Python:

- > Practised Data Analysis with Numpy, Pandas
- > Practised Machine Learning with Scipy, Scikit-learn
- > Practised Deep neural networks with Tensorflow, Keras
- > Practised Data pipelines and streaming with Spark, Kafka
- > Practised Data visualization with Matplotlib, D3.js.
- > Practised Natural language processing techniques with Nltk, Spacy, Gensim, Textacy
- > Practised Deployment with Docker, AWS, Ubuntu
- > Created a portfolio project : a web portal aggregating IT articles from different sources relating the same story : http://www.techcontroversy.com.

Python Gensim Pandas Spacy Scikit-learn MySql Flask Jinja2 AWS

July 2017 July 2013

IT Project Manager, Comarch SA, Cracow, Poland

Managed the integration of a Personal Financial Management software into the portal of several banks, fulfilling among other the following tasks:

- > Deployment, integration and customization
- > Configuration of the categorization engine
- > Managing the development of features
- > Managing the development of APIs
- > Deployment of APIs interfacing to the bank's mobile application
- > Integration of the categorization of bank transactions and APIs into the portal and bank processes
- > Requirement analysis and definition

Java J2EE Spring Hibernate Websphere Javascript Angular.js Python REST/JSON

June 2013 Senior Developer, Pentasys AG, München, Germany Developed applications based on Java, J2EE technologies and Javascript: January 2010 > Developed several mobile web applications for the mobile portal of a mobile carrier > Enhanced and refactorized an existing application used by an automotive company to configure > Enhanced the web portal of a mobile carrier, including the shop and the contract management Java Spring Wicket EJB Struts Jboss Tomcat Maven Javascript JQuery Node.js December 2009 Senior Developer, Saxonia Systems AG, München, Germany October 2005 Developed and enhanced several modules in an ERP application for drugstores Java J2EE EJB Swing JBoss Spring Sybase Ant September 2005 Junior Developer, Arvato Systems Technologies, München, Germany Developed and deployed several web and business applications in the intranet of a consulting company. April 2000 Java J2EE Oracle DB JDBC Struts Oracle Application Server Javascript March 2000 Junior Developer, Icon srl, Verona, Italy June 1999 Enhanced an applet used for the inventarization of devices of a mobile phone carrier. Java J2EE Oracle JDBC Struts + Personal projects Canguages

Education

Italian

English

German Polish French Russian Spanish

Master degree in Computer Engineering

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1993-1998 Università degli studi di Pavia (Italy) 1991-1993 Università degli studi di Modena (Italy)

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Certificates

2017	Data Science Retreat in Berlin
2017	Data camp tracks as Python Programmer, Data Analyst
2016	Certified Associate in Project Management (CAPM)
2015	PMP Academy Course
2012	Certified Scrum Master
2007	Oracle Certified Enterprise Architect
2007	Oracle Certified Programmer
2005	Oracle Certified Java Developer
2005	Oracle Certified Business Component Developer
2004	Oracle Certified Web Application Developer