

# Diego Amicabile

## Machine Learning and Backend Engineer

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Experienced Software Engineer focusing on Machine Learning and Backend.

## Main Skills

**Programming Languages :** **Java 8, Python 3, Pascal, SQL**, Bash/Shell scripting, Javascript, C/C++, HTML/CSS  
**Data Science/Machine Learning :** **Numpy, Pandas, Scikit-learn**, Matplotlib, Scipy, Tensorflow, Keras  
**Natural Language Processing :** **Gensim, Spacy, NLTK, Rasa**, Textacy  
**Databases :** **Oracle, MySQL, Impala, MongoDB, InfluxDB**, Redis, PostgreSQL, Sybase  
**AWS :** **EC2, RDS, S3, Athena**, Awscli, ECS, Cloudwatch, Kinesis  
**Development Tools :** **Anaconda, Git, Github, Gitlab, Pycharm, IntelliJ, Vim**  
**Other :** **Docker, Airflow, Nginx, Graylog, Prometheus**, Grafana, Terraform, Ansible

## Work Experience and Education

Now October 2018	<b>Machine Learning Engineer, Hellofresh, Berlin (Germany)</b> Made production-ready, deployed, enhanced and maintained models predicting the churn probability of active customers. <a href="#">Python</a> <a href="#">AWS</a> <a href="#">Numpy</a> <a href="#">Pandas</a> <a href="#">Scikit-learn</a> <a href="#">Docker</a> <a href="#">Airflow</a> <a href="#">Hadoop</a> <a href="#">Impala</a>
September 2018 March 2018	<b>Lead Software Developer, Infinitec in Finleap, Berlin (Germany)</b> Managed and developed a live-chat software, a chatbot and the auditing layer of a financial platform. <a href="#">Microservices</a> <a href="#">Docker</a> <a href="#">AWS</a> <a href="#">Gitlab</a> <a href="#">Python</a> <a href="#">Spacy</a> <a href="#">Rasa-NLU</a> <a href="#">Java 8</a> <a href="#">Spring Boot</a> <a href="#">Dropwizard</a> <a href="#">Javascript</a> <a href="#">Node.js</a> <a href="#">React</a> <a href="#">MongoDB</a> <a href="#">Redis</a> <a href="#">Graylog</a>
November 2017 August 2017	<b>Data Scientist, Data Science Retreat, Berlin (Germany)</b> Studied and practiced Machine Learning and Data Science with Python. Created a web portal aggregating IT articles from different sources relating the same story : <a href="http://www.techcontroversy.com">www.techcontroversy.com</a> <a href="#">Python</a> <a href="#">Gensim</a> <a href="#">Pandas</a> <a href="#">Spacy</a> <a href="#">Scikit-learn</a> <a href="#">MySQL</a> <a href="#">Flask</a> <a href="#">Jinja2</a> <a href="#">AWS</a>
July 2017 July 2013	<b>IT Project Manager, Comarch SA, Cracow (Poland)</b> Managed the integration a Personal Financial Management software into the portals of several banks. <a href="#">Java</a> <a href="#">J2EE</a> <a href="#">Spring</a> <a href="#">Hibernate</a> <a href="#">Websphere</a> <a href="#">Freemarker</a> <a href="#">Javascript</a> <a href="#">Angular.js</a> <a href="#">Python</a> <a href="#">REST/JSON</a>
June 2013 January 2010	<b>Senior Developer and Consultant, Pentasys AG, München (Germany)</b> Developed several parts of the web and mobile portal of a mobile network operator, and an application for the management of the configuration of trucks. <a href="#">Java</a> <a href="#">Spring</a> <a href="#">Wicket</a> <a href="#">EJB</a> <a href="#">Struts</a> <a href="#">Jboss</a> <a href="#">Tomcat</a> <a href="#">Maven</a> <a href="#">Javascript</a> <a href="#">JQuery</a> <a href="#">Node.js</a> <a href="#">JAX-RS</a> <a href="#">JAXP</a>
December 2009 October 2005	<b>Senior Developer and Consultant, Saxonia Systems AG, München (Germany)</b> Developed and enhanced several modules of an ERP application for drugstores. <a href="#">Java</a> <a href="#">J2EE</a> <a href="#">EJB</a> <a href="#">Swing</a> <a href="#">JBoss</a> <a href="#">Spring</a> <a href="#">Sybase</a> <a href="#">Ant</a>
September 2005 April 2000	<b>Junior Developer and Consultant, Arvato Systems Technologies, München (Germany)</b> Developed several web applications for the intranet of a consulting company. <a href="#">Java</a> <a href="#">J2EE</a> <a href="#">Oracle DB</a> <a href="#">JDBC</a> <a href="#">Struts</a> <a href="#">Oracle Application Server</a> <a href="#">Javascript</a>
March 2000 June 1999	<b>Junior Developer and Consultant, Icon srl, Verona (Italy)</b> Enhanced an applet for the inventORIZATION of devices of a mobile network operator. <a href="#">Java</a> <a href="#">J2EE</a> <a href="#">Oracle</a> <a href="#">JDBC</a> <a href="#">Swing</a>

March 1998	Computer Engineering Degree, Università degli studi, Modena/Pavia(Italy)
November 1991	
	Main focus : Computer Engineering, Computer Science, Electrical Engineering, Control systems, Mathematics, Economics, C
	<div>C/C++PascalFortranPrologAssembler 8086/Z80Matlab</div>