

## Contact

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# Mehrdad Rezai

Senior Big Data/Machine Learning Engineer at Oath  
San Jose, California

## Summary

I have 18 years of Object Oriented software, 15 years of Web, 8 years of Big Data and Data Science, and 8 years of AWS development experience. For the last 15 years, I have been involved with analysis, architecture, design, and implementation of Distributed, High-Performance, and Scalable Systems, Big Data projects, Data Pipelines, Data Science and Machine Learning through technologies such as Scala, Java, Python, J2EE, OOP (Object Oriented Programming), Functional Programming, Apache Spark, Spark SQL, Spark Streaming, Regression, Classification, Clustering, Scikit-learn, TensorFlow, Keras, NLTK, Artificial Neural Networks, Natural Language Processing, CNN, RNN, LSTM, GRU, Regression, Classification, Clustering, Elasticsearch, AWS, EMR, DynamoDB, Redshift, Kafka, Hadoop, HDFS, Map/Reduce, Hive, Oozie, Vertica, Druid, Kibana, Logstash, Sqoop, Flume, Airflow, Yarn, Ambari, other Hadoop Ecosystem, Data Lakes, NoSQL, Apache Cassandra and CQL, Docker and Containers, Data Structures, Java Multithreading, Spring framework, Spring MVC, Spring AOP, Hibernate, JPA, SOAP and REST based Web Services, JAX-RS, Design Patterns, Cloud Computing, Amazon AWS, WebLogic, JBoss, Tomcat, Apache HTTP Server, SQL, Hibernate, ETL, Business Intelligence, Tableau, MySQL, Oracle, UML, Drupal, Networking, Anaconda, NumPy, Pandas, Matplotlib, Seaborn, Scipy, OpenCV, Git, SVN, XML, XSL, Junit, Linux, UNIX, Advanced UNIX Shell Scripting, Virtualization, Jenkins, Atlassian (Jira, Fisheye, Crucible, Confluence), jQuery, Ajax, JSON, Object Oriented JavaScript, Advance CSS. Furthermore, I am an expert on all aspects of Web site design, E-Commerce, Shopping Carts, and Credit Card Processing. I am extremely hands on as far as coding is concerned specially in Big Data, and Machine Learning field; I am also a great technical writer. In addition, I have deep understanding of stock market, options, futures, commodities, and money. Furthermore, I read and learn extremely fast (600 wpm); I am persistent, dedicated, meticulous, extremely disciplined

and focused, with affection for learning and implementing new technologies, and prototyping.

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## Experience

Oath Inc. (Verizon)

Senior Big Data/Machine Learning Engineer

March 2016 - Present (4 years 1 month)

San Francisco Bay Area

Oath

Senior Big Data/Machine Learning Engineer

March 2016 - Present (4 years 1 month)

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## Education

University of Toronto

Ph.D., Computer Engineering · (1993 - 1999)