

## Contact

[schlam@gmail.com](mailto:schlam@gmail.com)

[www.linkedin.com/in/yiftach-schlam-855a6b5](http://www.linkedin.com/in/yiftach-schlam-855a6b5) (LinkedIn)

## Top Skills

Design Patterns

OOP

Multithreading

# Yiftach Schlam

Big Data Analytics Platform Manager @ PayPal

## Summary

Big Data Analytics Manager with over 10 years of experience. In the last 7 years I mainly worked on platforms and solutions that combined Big Data and ML/AI.

I have lots of hands-on experience and knowledge in the following areas:

- Big Data Analytics: Hadoop, Spark and SparkML.
- Text analysis(NLP): Entity extraction, information & relationships extraction.
- Machine learning: Real-Time Anomaly Detection, recommending systems, Deep Learning and more
- NoSQL : MongoDB , Elastic Search, Hbase
- Graph computing: AllegroGraph.
- Stream processing and analytics: Spark Structured Streaming, CEP frameworks, Akka, Storm.
- Caching & Messaging system: Kafka, Hazelcast, Memcached, RabbitMQ.

---

## Experience

### PayPal

Big Data Analytics Platform Manager @ PayPal

October 2017 - Present

Managing Big Data Analytics platform based on Spark Structured Streaming that provide cutting edge capabilities like large scale Real-Time Anomaly Detection and Graph computing.

have experience with Risk & Cybersecurity use cases(mainly anomaly detection).

### Citi

4 years 9 months

Big Data Dev Manager at Citi Innovation LAB

January 2016 - September 2017 (1 year 9 months)

Tel Aviv Area, Israel

R&D Manager of a Big Data analytics system that combined recommender system (Spark pipeline) and Machine Learning algorithms (SparkML), the system generates metrics from structured and unstructured data using NLP techniques.

#### Big Data Team Leader at Citi Innovation LAB

January 2013 - December 2015 (3 years)

Tel Aviv Area, Israel

Leading the development of a next generation distributed Real-Time analytics solution and stream processing based on the JVM ecosystem (Java 8 & Scala), using cutting edge technologies (Akka, Spark, MongoDB...), Data Mining algorithms and advanced architecture (Reactive Programming and Micro Services).

#### LOGIC/3i-MIND

Tech Lead

January 2012 - January 2013 (1 year 1 month)

A significant role in the development of distributed OSINT (Open Source INTelligence) system. The system crawls the web and performs deep analysis using NLP techniques (text analysis, entity extraction and link analysis), using cutting edge technologies (NoSql DBs, search engines (ElasticSreach , SOLR),NLP tools and more.

#### Logic

Team Leader & Tech Lead.

April 2008 - January 2012 (3 years 10 months)

Leading the development of a task based engine as a part of intelligence system (homeland security organizations). The development include Designing & Developing : Publisher-subscriber mechanism (with strong focus on reliability , persistence and recovery), Online engine(CEP based) ,Gateway layer with extensions to various professional services modules , Routine learning rules provider (e.g. Clustering, Naive Bayes, decision Trees etc.)

#### Kodak/Creo

Development Team Leader

May 2005 - May 2008 (3 years 1 month)

Leading the development of business applications in the field of digital printing. Designing and developing distributed web application based on .NET technologies with use of design patterns and object oriented methodologies .

Comprehensive knowledge of the web world including JavaScript ,  
JQuery ,HTML,WCF.

Creo

Developer

May 2004 - July 2005 (1 year 3 months)

---

## Education

The Interdisciplinary Center

MBA, Executive MBA · (2010 - 2012)

Ben-Gurion University of the Negev

BSc, Computer Software Engineering · (2000 - 2004)