

# Gezim Sejdiu

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## EDUCATION

### UNIVERSITY OF BONN

#### PHD IN COMPUTER SCIENCE

since May 2016 | Bonn, Germany

### UNIVERSITY OF PRISHTINA

#### MS IN COMPUTER ENGINEERING

July 2014 | Prishtina, Kosovo

GPA: 9.62 / 10.0

#### BS IN COMPUTER SCIENCE

January 2009 | Prishtina, Kosovo

GPA: 8.69 / 10.0

## LINKS

Github:// [GezimSejdiu](#)

Google Scholar:// [GezimSejdiu](#)

LinkedIn:// [GezimSejdiu](#)

Twitter:// [@Gezim\\_Sejdiu](#)

## LANGUAGES

ALBANIAN Native

ENGLISH Professional working

## SKILLS

### RESEARCH INTERESTS

Big Data • Data Mining and Data Analysis • Semantic Web and Semantic Search • Machine Learning • Distributed Computing

### PROGRAMMING LANGUAGES

Scala • Java • C# • JavaScript

### TOOLS AND TECHNOLOGIES

Eclipse/Scala-IDE •  $\text{\LaTeX}$  • Apache Spark • Apache Flink • Hadoop MapReduce • DevOps/Docker

## WORKSHOPS & TUTORIALS

### WORKSHOPS

- 1st Workshop on Large Scale RDF Analytics (LASCAR-19)

Half-Day Workshop at 16th European Semantic Web Conference 2019 (ESWC2019) 2nd – 6th June 2019, Portorož, Slovenia

### TUTORIALS

- SANSA's Leap of Faith: Scalable RDF and Heterogeneous Data Lakes

Half-Day Tutorial at 16th European Semantic Web Conference 2019 (ESWC2019) 2nd – 6th June 2019, Portorož, Slovenia

## EXPERIENCE

### UNIVERSITY OF BONN | RESEARCH ASSOCIATE + PHD STUDENT

May 2016 – | Bonn, Germany

- Working with Semantic Web, Big Data and Data Analysis. Also interested in the area of distributed computing systems (Apache Spark, Apache Flink)
- Conducting Distributed Big Data Analytics/Lab for master student
- Master thesis supervision

### KEDS | SYSTEM ANALYST & SENIOR SOFTWARE DEVELOPER

March 2009 – August 2015 | Prishtina, Kosovo

- Worked on analyzing, reviewing and developing new in-house financial software

### EXPIK | SOFTWARE DEVELOPER

July 2008 – February 2009 | Prishtina, Kosovo

- Worked on the developing new software applications

## AWARDS

ISWC 2017 Best demonstration award at the International Semantic Web Conference

## TALKS

ISWC 2018

DistLODStats: Distributed Computation of RDF Dataset Statistics

ISWC 2017

The Tale of SANSA Spark

HPI Future SOC 2017

SANSA-Notebooks: Developer friendly access to SANSA

BDE Technical Webinar 2016

Distributed Knowledge Graph Processing in SANSA

A demo of Apache Flink with Docker on the BDE platform

## PUBLICATIONS

1. Claus Stadler; **Gezim Sejdiu** ; Damien Graux; and Jens Lehmann. "Querying large-scale RDF datasets using the SANSA framework". In Proceedings of 18th International Semantic Web Conference (ISWC), Poster & Demos, 2019.
2. Danning Sui; **Gezim Sejdiu** ; Damien Graux; and Jens Lehmann. "The Hubs and Authorities Transaction Network Analysis using the SANSA framework". In 15th International Conference on Semantic Systems (SEMANTiCS), Poster & Demos, 2019.
3. **Gezim Sejdiu** ; Anisa Rula; Jens Lehmann; and Hajira Jabeen, "A Scalable Framework for Quality Assessment of RDF Datasets," in Proceedings of 18th International Semantic Web Conference (ISWC), 2019.
4. Claus Stadler; **Gezim Sejdiu** ; Damien Graux; and Jens Lehmann, "Sparklify: A Scalable Software Component for Efficient evaluation of SPARQL queries over distributed RDF datasets," in Proceedings of 18th International Semantic Web Conference (ISWC), 2019.
5. **Gezim Sejdiu** ; Damien Graux; Imran Khan; Ioanna Lytra; Hajira Jabeen; and Jens Lehmann, "Towards A Scalable Semantic-based Distributed Approach for SPARQL query evaluation," 15th International Conference on Semantic Systems (SEMANTiCS), Research & Innovation , 2019.
6. Rajjat Dadwal; Damien Graux; **Gezim Sejdiu** ; Hajira Jabeen; and Jens Lehmann. "Clustering Pipelines of large RDF POI Data" in Proceedings of 16th Extended Semantic Web Conference (ESWC), Poster & Demos, 2019.
7. Natanael Arndt; Sebastian Zänker; **Gezim Sejdiu** ; and Sebastian Tramp. "Jekyll RDF: Template-Based Linked Data Publication with Minimized Effort and Maximum Scalability". In 19th International Conference on Web Engineering (ICWE 2019), of ICWE 2019, Daejeon, Korea, June 2019.
8. **Gezim Sejdiu** ; Ivan Ermilov; Jens Lehmann; and Mohamed Nadjib-Mami, "DistLODStats: Distributed Computation of RDF Dataset Statistics," in Proceedings of 17th International Semantic Web Conference (ISWC), 2018.
9. **Gezim Sejdiu** ; Ivan Ermilov; Jens Lehmann; and Mohamed-Nadjib Mami, "STATisfy Me: What are my Stats?," in Proceedings of 17th International Semantic Web Conference (ISWC), Poster & Demos, 2018.
10. Hajira Jabeen; Rajjat Dadwal; **Gezim Sejdiu** ; and Jens Lehmann, "Divided we stand out! Forging Cohorts fOr Numeric Outlier Detection in large scale knowledge graphs (CONOD)," in 21st International Conference on Knowledge Engineering and Knowledge Management (EKAW'2018), 2018
11. Damien Graux; **Gezim Sejdiu** ; Hajira Jabeen; Jens Lehmann; Danning Sui; Dominik Muhs; and Johannes Pfeffer, "Profiting from Kitties on Ethereum: Leveraging Blockchain RDF with SANSA," in 14th International Conference on Semantic Systems, Poster & Demos, 2018.
12. Jens Lehmann; **Gezim Sejdiu** ; Lorenz Böhmann; Patrick Westphal; Claus Stadler; Ivan Ermilov; Simon Bin; Nilesh Chakraborty; Muhammad Saleem; Axel-Cyrille Ngomo Ngonga; and Hajira Jabeen, "Distributed Semantic Analytics using the SANSA Stack,"; in Proceedings of 16th International Semantic Web Conference - Resources Track (ISWC'2017), 2017.
13. Ivan Ermilov; Axel-Cyrille Ngonga Ngomo; Aad Versteden; Hajira Jabeen; **Gezim Sejdiu** ; Giorgos Argyriou; Luigi Selmi; Jürgen Jakobitsch; and Jens Lehmann, "Managing Lifecycle of Big Data Applications,"; in KESW, 2017.
14. Ivan Ermilov; Jens Lehmann; **Gezim Sejdiu** ; Lorenz Böhmann; Patrick Westphal; Claus Stadler; Simon Bin; Nilesh Chakraborty; Henning Petzka; Muhammad Saleem; Axel-Cyrille Ngomo Ngonga; and Hajira Jabeen, "The Tale of Sansa Spark," in Proceedings of 16th International Semantic Web Conference, Poster & Demos, 2017 (Best Demo Award).
15. Sören Auer; Simon Scerri; Aad Versteden; Erika Pauwels; Angelos Charalambidis; Stasinos Konstantopoulos; Jens Lehmann; Hajira Jabeen; Ivan Ermilov; **Gezim Sejdiu** ; Andreas Ikonomopoulos; Spyros Andronopoulos; Mandy Vlachogiannis; Charalambos Pappas; Athanasios Davettas; Iraklis A. Klampanos; Efsthios Grigoropoulos; Vangelis Karkaletsis; Victor Boer; Ronald Siebes; Mohamed Nadjib Mami; Sergio Albani; Michele Lazzarini; Paulo Nunes; Emanuele Angiuli; Nikiforos Pittaras; George Giannakopoulos; Giorgos Argyriou; George Stamoulis; George Papadakis; Manolis Koubarakis; Pythagoras Karampiperis; Axel-Cyrille Ngonga Ngomo; and Maria-Esther Vidal, "The BigDataEurope Platform – Supporting the Variety Dimension of Big Data," in 17th International Conference on Web Engineering (ICWE2017), 2017.

16. Harsh Thakkar; Mohnish Dubey; **Gezim Sejdiu** ; Axel-Cyrille Ngonga Ngomo; Jeremy Debattista; Christoph Lange; Jens Lehmann; Sören Auer; and Maria-Esther Vidal, "LITMUS: An Open Extensible Framework for Benchmarking RDF Data Management Solutions," , 2016.
17. Lule Ahmedi; Lavdim Halilaj; **Gezim Sejdiu** ; and Labinot Bajraktari, "Ranking Authors on the Web: A Semantic AuthorRank," in Social Networks: Analysis and Case Studies, Gündüz-Ögüdücü and A. Etaner-Uyar, Eds., Vienna: Springer Vienna, 2014, pp. 19-40.
18. **Gezim Sejdiu** , "Semantic Ranking of Web Pages : The Wikipedia Case Study," Master Thesis, University of Prishtina, Kosova, 2014.