Paweł GUZEWICZ

PhD Candidate at l'X

May 28, 1994 (27 years old)
Polish, EU citizen

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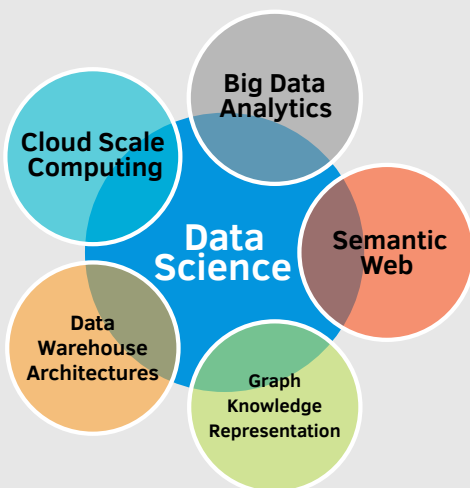
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Interests

- Big Data Analytics
- Cloud Scale Computing
- Data Science
- Semantic Web
- Data Warehouse Architectures
- Graph Knowledge Representation

Technical Skills

Java • Python • SQL • Git • SVN

Scala • C • C++ • Bash • LaTeX

Spark • Hadoop • NoSQL • Matlab • PHP

Languages

Polish *Mother tongue*

English *C2, full professional proficiency*

French *B2, communicative proficiency*

German *A2, elementary proficiency*

Russian *A1, elementary proficiency*

Education

2018 – (2021) Oct (Sep)	**École Polytechnique (Institut Polytechnique de Paris)** PhD degree ExpRalytics: Expressive and Efficient Analytics for RDF Graphs	France
2017 – 2018 Sep Sep	**Télécom ParisTech (Université Paris-Saclay)** Master's degree, M2 Computer Science: Data & Knowledge	France
2016 – 2017 Sep Jul	**École Polytechnique Fédérale de Lausanne** Erasmus+ exchange program, the first year of master studies Computer Science	Switzerland
2013 – 2016 Oct Jul	**University of Wrocław** Bachelor's degree in Computer Science Computer Science and Mathematics	Poland

Publications

2020 Apr	**RDF graph summarization for first-sight structure discovery** The VLDB Journal, a full-length paper	France
2019 May	**Spade: A Modular Framework for Analytical Exploration of RDF Graphs** VLDB conference, a demo paper	France
2019 Apr	**Parallel Quotient Summarization of RDF Graphs** SBD (a SIGMOD workshop), a short paper	France
2019 Jan	**Incremental structural summarization of RDF graphs** EDBT conference, a demo paper	France
2018 Mar	**Quotient RDF Summaries Based on Type Hierarchies** DESWeb (an ICDE workshop), a short paper	France

Awards

2019 Oct	**Best Demo Paper Award** Award for the *Spade* paper at BDA conference in Lyon	France

Professional Experience

2018 Mar – Aug	**Inria Saclay** Research Intern Research in the area of cloud-scale computing over RDF graphs	France
2017 May – Aug	**Shekamou** PHP Backend Developer Programming a mobile application in a startup environment	Switzerland
2015 Jul – Aug	**Human Dialog** C++ Programmer Intern Programming GUI for an enterprise resource planning application	Poland
2012 Jul	**Empirica** Java Software Tester Intern Testing algorithmic trading software, working in Scrum	Poland

Community Service

2019 Oct – now	**Teaching** Teaching Assistant at Big Data Architectures, Télécom Paris Master 2 and Machine Learning, École Polytechnique Bachelor 2 courses	France
2018 – 2019 Dec Apr	**Paper Reviewing** Reviewing as an external reviewer for SIGMOD'21, ICDE'19, SBD'19 (SIGMOD'19 workshops), DASFAA'19	France
2019 – 2020 Mar Jan	**PhD Students Representation** The PhD Students Representative in École Polytechnique's LIX lab	France
2019 Jan – Sep	**Webmastering** The Webmaster of the VLDB Endowment website	France