Dr Paweł GUZEWICZ

Research Engineer at Huawei R&D UK

- May 28, 1994 (28 years old) Polish, EU citizen
- Flat 10, 32 Simpson Loan EH3 9GQ, Edinburgh, UK
- +44 (0)7501 417 701 *work*
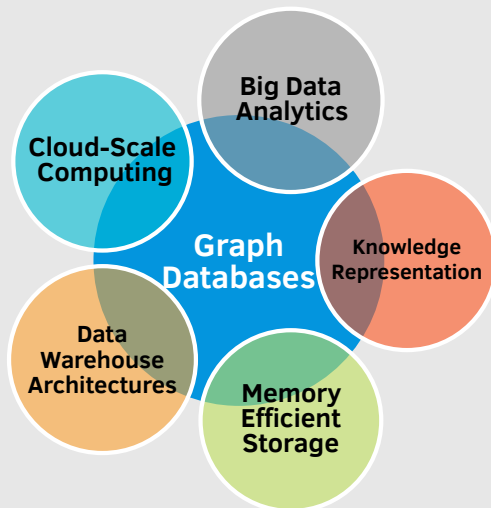 +33 (0)7 67 77 64 67 *private*
- pawguz94@gmail.com
- in/pawel-guzewicz
- pguzewic
- pawello3

Interests

Graph Databases — Big Data Analytics, Cloud-Scale Computing, Knowledge Representation, Data Warehouse Architectures, Memory Efficient Storage

Technical Skills

Java · Python · SQL · Git · SVN

C++ · C · Bash · LaTeX · Rust

Scala · Spark · Hadoop · NoSQL · PHP

Languages

Polish   *Mother tongue*

English   IELTS 8.0/C1
Full professional proficiency

French   DALF C1
Full professional proficiency

German   A2, *Elementary proficiency*

Russian   A1, *Elementary proficiency*

Professional Experience

2021 – now Nov	**Huawei Technologies Research & Development (UK) Ltd** Research Engineer Research and development within the Huawei Graph Database	UK
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

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

Education

2018 – 2021 Sep Oct	**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

Community Service

2019 Oct – now	**Academic 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