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| **KRZYSZTOF ŚWIDER** | | |
| **EDUCATION** | | |
| 1991 – 1993 | Warsaw University of Technology, field of study: robotics and automation | |
| 1975 – 1981 | National Technical University of Ukraine, field of study: applied mathematics and computer science | |
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| **SKILLS** | | |
| Management | * Project planning and management from concept until implementation * Team work methodologies / principles: Agile, SCRUM, Prince2 * Project team management, motivation, conflict solving * Risk management | |
| Analysis and Design | * Solid understanding of analysis and design issues of business information systems * Ability to create documentation (e.g. requirement specifications and technical reports) * Good understanding of UML and BPML notations * Practical knowledge of Visual Paradigm modelling tool | |
| Programming and Databases | * Programming languages: Python, R, C# and VBA * IDEs and frameworks : Anaconda, RStudio, .NET * Database development: conceptual modelling with ERD, proficiency in SQL * Database management systems: MS SQL Server, Oracle, DB2, PostgreSQL * Database clients: MS Management Studio, SQL Developer, DBeaver | | |
| Sector Skills | * Good knowledge of principal rules and processes in higher education * Knowledge of retailing and supply chain management * Basic knowledge of human resources management issues | |
| Other Skills | * Web technologies: HTML, XML, JSON * Data science: Business Intelligence and data warehousing fundamentals, machine learning methods (classification, regression, clustering, association analysis) * Data analysis and ETL tools: Matlab, Excel, Power BI, Tableau, SSIS, SSAS, PDI * Teaching skills: Solid experience in lecturing and tutoring both in academic and business domains (in rare cases also in English and German) * Personal qualities: inquisitiveness, accuracy, patience, ability to work in a complex environment | |
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| **WORK EXPERIENCE** | | |
| 05-2021 – . . . | **Soflab Technology Sp. z o.o.** | BI specialist |
| 07-2018 – 08-2020 | **ZETO-RZESZÓW Sp. z o.o.** | Data analysis specialist |
| 12-2017 – 05-2018 | **Handlopex S.A.** | BI consultant |
| 07-2013 – 09-2017 | **IT Centre of Rzeszow University of Technology** | Head of department and senior specialist |
| 07-2001 – 06-2002 | **Softbank Service** | BI consultant |
| 10-1994 – 03-1995 | **University of Paderborn, Soest Department, Germany** | Professor |
| 11-1987 – . . . | **Rzeszow University of Technology** | Researcher and lecturer |
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| **SELECTED PROJECTS** | | |
| 11-2020 – 10-2023 | **Planet4 Consortium, Researcher/Teacher/Trainer**  **Sector: Industry/Higher Education** | |
|  | Practical Learning of Artificial iNtelligence on the Edge for indusTry 4.0 (supported by the EC grant 621639-EPP-1-2020-IT-EPPK2-KA)   * Working in an international consortium of European universities and companies accomplishing a project aimed at the better knowledge transfer between academic and productive sectors * Preparation and conducting surveys for students, academics and companies * Performing statistical analysis, publishing and periodic reporting | |
| 01-2019 – 12-2024 | **Rzeszow University of Technology, Researcher**  **Sector: Industry/Higher Education** | |
|  | Using artificial intelligence methods and the Internet of Everything (IoE) concept to diagnose, monitor and control processes in the world of Industry 4.0 (REI)   * Research and development activities aimed at the more effective use of Artificial Intelligence technologies in manufacturing * Development of computational infrastructure for management and analysis of manufacturing data | |
| 07-2018 – 08-2020 | **ZETO RZESZÓW, Data analysis specialist**  **Sector: Manufacturing** | |
|  | Optimization of automotive industry components manufacturing with the use of extrusion process supervision and computational intelligence methods (supported by the RPPK.01.02.00-18-0045/17 grant)   * Application of machine learning methods and statistical data processing for automatic production scheduling * Development of innovative APS software | |
| 12-2017 – 05-2018 | **Handlopex S.A., BI consultant**  **Sector: Retailing** | |
|  | Application of data-driven approach for better decision support in logistics   * Planning and development of advanced forecasting methods for supply chain management * Intensive use of self-service BI tools (Tableau, Power BI) in retailing | |
| 07-2013 – 09-2017 | **Rzeszow University of Technology, Head of IT Department/Senior specialist**  **Sector: Higher Education** | |
|  | Planning and implementation of modern computational facilities for the university   * Arranging an overall system architecture * Preparing and documenting requirements for ERP, electronic document flow system and a number of university specific e-services. * Active work in project management board | |
| 07-2001 – 06-2002 | **Softbank Service, BI consultant**  **Sector: Banking** | |
|  | Application of analytical methods in the sale of loans.   * Planning and development of Business Intelligence reporting solutions * Working with DB2 database and IBM BI tools | |
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| **COURSES / CERTIFICATES** | | |
| M\_o\_R® Foundation Training (2016) | | |
| Microsoft Certificate of Achievement (2015) | | |
| PRINCE2® Registered Practitioner Certificate (2015) | | |
| PRINCE2® Foundation Certificate (2015) | | |
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| **LANGUAGES** | | |

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| English | **speaking:** B2  post-intermediate | **writing:** B2  post-intermediate | **reading:** C1  advanced |
| German | **speaking:** C1  advanced | **writing:** C1  advanced | **reading:** C1  advanced |
| French | **speaking:** B1  intermediate | **writing:** A2  pre-intermediate | **reading:** A2  pre-intermediate |
| Russian | **speaking:** C1  advanced | **writing:** C1  advanced | **reading:** C2  nearly native-speaker level |