|  |
| --- |
| **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 |
|  |
| **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
 |
|  |  |
| **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 |
|  |  |  |
| **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
 |
|  |
| **COURSES / CERTIFICATES** |
| M\_o\_R® Foundation Training (2016) |
| Microsoft Certificate of Achievement (2015) |
| PRINCE2® Registered Practitioner Certificate (2015) |
| PRINCE2® Foundation Certificate (2015) |
|  |
| **LANGUAGES** |

|  |  |  |  |
| --- | --- | --- | --- |
| English  | **speaking:** B2post-intermediate | **writing:** B2post-intermediate | **reading:** C1 advanced |
| German | **speaking:** C1advanced | **writing:** C1advanced | **reading:** C1advanced |
| French | **speaking:** B1intermediate | **writing:** A2pre-intermediate | **reading:** A2pre-intermediate |
| Russian | **speaking:** C1advanced | **writing:** C1advanced | **reading:** C2nearly native-speaker level |