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1 EXPERIENCE

- 12/01/2005–PRESENT : AGH University of Science and Technology, Assistant Professor
Teaching: Java, C, Internet and Multimedia Techniques, Usage and Administration of Unix Systems (esp. Linux) and Computer Networks, Design and Development of Relational Databases (esp. PostgreSQL and Oracle), Artificial Intelligence Languages, Knowledge Engineering Methods, Control Systems Optimization, syllabi (mostly in Polish): <http://home.agh.edu.pl/~wojncki>; research in the field of Knowledge Engineering, Logic Programming, Relational Databases, Network Security, and Systems Administration; the HeKatE (Hybrid Knowledge Engineering) project team leader (<http://hecate.ia.agh.edu.pl>).
- 8/12/2004–8/12/2005 : UMSL Mathematics and Computer Science Department, Visiting Assistant Professor
Teaching: Program Translation Techniques, Operating Systems, Computer Systems; research in the field of Knowledge-based Processing, Logic Programming, and Relational Databases.
- 8/15/2003–8/11/2004 : SIUE, School of Engineering, Department of Computer Science, Lecturer
Teaching: Introduction to Computing, Operating Systems, Unix Programming: Applications and Administration (it includes graduate projects concerning security, wireless communication, e-mail filtering, authorization and authentication); research in the field of Databases, Knowledge Processing and Logic Programming.
- 8/15/2002–8/15/2003 : UMSL Mathematics and Computer Science Department, Lecturer (Visiting Professor)
Teaching: Computer Vision, Operating Systems, Systems Administration, Advanced Programming in UNIX; research in the field of Knowledge-based Processing and Collective Intelligence.
- 10/01/1999–11/30/2005 : AGH University of Science and Technology, Teaching Assistant/Lecturer
Teaching C, C++ languages, usage and administration of Unix systems (esp. Linux) and computer networks, design and development of Relational Databases (esp. PostgreSQL and Oracle), AI techniques and Prolog language. Participation in Regulus Project: Formal methods and tools for computer-aided analysis and design of databases and knowledge-based systems (<http://regulus.ia.agh.edu.pl>). Participation in Antares Project: Advanced Network Technologies Art – Research Evolution Saga – authentication management, user data management and replication, multiple distant servers control.
- 04/01/1997–07/01/2001 : Zi-eM, Manager, Administrator, Designer, Programmer
Design and administration of heterogenous computer networks and Unix systems including HTTP, SMB, email services, routing, NAT, Firewall techniques and databases (esp. PostgreSQL).
- 10/01/1998–07/01/1999 : GEM, Programmer/Designer
Coordination, design and development of database systems for medical purposes (using MUMPS language), automatic data acquisition systems, and user interfaces
- 1997–2000 : ABA (SCO Systems Partner), Programmer/Instructor
Linux OS teacher and instructor. Design and Development of data acquisition systems, visualization and representation methods based on UNIX environments.

2 EDUCATION

- AGH – University of Science and Technology¹
PhD, 2004: “A Rule-based Inference Engine Extending Knowledge Processing Capabilities of RDBMS”
major: Computer Science
the dissertation can be found at <http://home.agh.edu.pl/~wojnicki/phd>
- AGH – University of Science and Technology
MSc, 2000: “Design and Implementation of a Graphical User Interface for Computer Aided Logical Design of Kheops Knowledge Based System.”
major: Computer Science
the thesis can be found at <http://home.agh.edu.pl/~wojnicki/thesis>

3 SKILLS

- Concurrent, distributed, parallel and fault-tolerant programming.
- Declarative, imperative and functional programming: Prolog, C, C++, Java, SQL, Bash, Awk, PHP, JavaScript, MatLab, MUMPS, Erlang.
- Systems administration (esp. Linux).
- Knowledge Engineering: knowledge representation and processing techniques.
- Expert and rule-based systems, declarative programming.
- Design and development of databases (esp. PostgreSQL, LDAP, Oracle).
- Software Engineering: Structured Design, UML.
- Computer network design and deployment.
- Computer System Security, including firewall techniques and packet filtering.
- Image processing techniques.
- Design and administration of WWW services, including CMS.
- Programming data acquisition systems: telephone switching systems, medical equipment.
- Electronic document processing and DTP systems: LaTeX, TeX, HTML, CSS, XML (including DocBook).
- Program Translation Techniques.
- Teaching Computer Science.

4 HOBBIES

- Computer science.
- Traveling.
- Shin Shin Toitsu Do Aikido.
- Medieval archery.
- Hiking.
- Skiing.
- Scuba Diving.
- Photography.

¹The official name of the university, has been changed recently, the original Polish name remains the same: Akademia Gorniczo-Hutnicza, which was often translated as the Technical University – AGH, or University of Mining and Metallurgy.