

PERSONAL INFORMATION

Weronika T. Adrian

 Kraków (Poland) wta@agh.edu.pl <http://wtadrian.eu>  <https://www.linkedin.com/in/wtadrian/> Skype wtadrian

WORK EXPERIENCE

1 Aug 2019–Present

Assistant Professor

AGH University of Science and Technology, Kraków (Poland)

Research: AI/KRR, knowledge graphs, semantic similarity, logic programming, stream reasoning**Teaching:** Algorithms and Data Structures, Operations Research, R&D Seminar, Development Workshops, Creativity Workshops, Linked Data and Knowledge Graphs.

Jan 2019–Mar 2019

Software Engineer

DLVSystem S.r.l., Rende (Italy)

Software engineering within the company's R&D projects

Sep 2017–Jul 2019

Postdoctoral Researcher

University of Calabria, Rende (Italy)

Research areas: Answer Set Programming, Information Extraction, semantic technologies, Document Analysis, Stream Reasoning

Mar 2017–Present

Teaching Assistant

University of Calabria, Rende (Italy)

"Intelligent Systems" course on MSc-level Computer Science studies

Oct 2009–Present

Research and teaching assistant (on leave since Jan. 2014)

AGH University of Science and Technology, Kraków (Poland)

Research: Artificial Intelligence, Knowledge Representation and Reasoning, Semantic Web technologies, Rule-Based Systems, Logic Programming, Business Process Semantization, Ontology Engineering**Teaching:** Introduction to UNIX/GNU/Linux, Operating Systems, Algorithms and Data Structures (BSc level); Principles / Methods of Knowledge Engineering, Languages of Artificial Intelligence, Semantic Web technologies, Creativity Workshop (MSc level)

Feb 2013–Jun 2013

Lecturer

Jagiellonian University, Kraków (Poland)

Teaching creativity and entrepreneurship to Cognitive Science and Philosophy students

Jan 2013–Mar 2013

Researcher

nITarch sp. z o.o., Kraków (Poland)

Research and development of use cases and best practices for knowledge management with semantic technologies (mostly ontologies and semantic wikis) for SME

- Jan 2011–Jun 2011 **Researcher**
Softhis sp. z o.o., Kraków (Poland)
Introducing the Semantic Web concepts to the employees and analyzing the possibilities of integrating semantic technologies into the company system
- Oct 2008–Sep 2009 **Research and Teaching Assistant Intern**
AGH University of Science and Technology, Kraków (Poland)
Research: Semantic Web technologies, Description Logics
Teaching: AI Languages, Knowledge Engineering.
- Aug 2008–Sep 2008 **Programmer Intern**
HolidayCheck AG, Bottighofen (Switzerland)
Web programming: (X)HTML, CSS, JavaScript, PHP, MySQL
- Sep 2006–Jan 2008 **Computer Science and ICT Teacher**
International School of Kraków, Kraków (Poland)
Teaching Computer Science (programming in Java and C++, Web Design) to high school students, and ICT to pre-school, elementary and middle school students
- Sep 2006–Jun 2007 **Network Administrator**
International School of Kraków, Kraków (Poland)
Setting up and administering the school's local area network

EDUCATION AND TRAINING

- Jan 2014–Jul 2017 **PhD in Mathematics and Computer Science**
University of Calabria, Rende (Italy)
Principal subjects: Theoretical Computer Science, (Applied) Artificial Intelligence, Knowledge Management, Knowledge Representation (Description Logics, FOL), Information Systems, SAT-based Problem Solving
Research: Information Extraction, Natural Language Processing, Knowledge Representation and Reasoning, Answer Set Programming, Constraint and Logic Programming
Teaching: Intelligent Systems (MSc level)
Thesis: "Ontology-driven Information Extraction", supervisors: Prof. Nicola Leone, Prof. Marco Manna
- Oct 2011–Dec 2011 **Science Management Commercialization ("Top 500 Innovators" program)**
Stanford Center for Professional Development, Stanford University, Stanford, CA (United States)
Innovation: Moving an idea from concept to reality, Innovating products, services and strategy, Teams and Innovation, Unleashing creativity, Creativity, Entrepreneurship, Design Thinking
Business: How to conceive a business startup, Business strategy and business model elements, Leadership vs. management, Decision quality and decision analysis, Partners and alliances, Market assessment
Technology: Viable technology, Idea assessment and development, Intellectual Property issues and challenges, Competition and market intelligence/perspective
Cases, projects and site visits to selected Stanford University labs and Silicon Valley companies.
- Oct 2004–Jun 2009 **MSc in Computer Science**

AGH University of Science and Technology, Kraków (Poland)

Principal subjects: Artificial Intelligence, Knowledge Engineering, Software Engineering, Programming Languages and Methods (Procedural, Declarative, Object-oriented, Microprocessor programming), Mathematics, Data Analysis, Computer Architecture, Decision Algorithms and Theory of Complexity, Internet and Multimedia Technologies, Computer Graphics, Algorithms and Data Structures, Signal Analysis, Numerical Methods, Discrete Systems Simulation, Optimization, Control

Thesis: "Visual Rule Design Methods for Semantic Web Applications", supervised by Dr Grzegorz J. Nalepa. Grade: Excellent. Thesis awarded a *distinction* by Polish Information Processing Society in the best Master theses competition

PERSONAL SKILLS

Mother tongue(s) Polish

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Certificate in Advanced English (CAE)					
Italian	B1	B1	A2	A2	A2
Spanish, German	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages - Self-assessment grid

Communication skills

I was a *speaker* at TEDxWarsawPresidentialPalace in 2014. I was also a *panelist* at the VIII Civic Congress held by Polish think-tank Kongres Obywatelski, where I was talking about ways of modernization of Poland.

Organisational / managerial skills

I *co-founded* a Creativity and Innovation Lab Foundation (FLIK, <http://flik.org.pl>) in 2014 that was formed out of an informal group called "Creative Cracow", established in 2012, of which I was a *leader*. The foundation focuses on promoting creativity and entrepreneurship in Poland by organizing open events, workshops and projects based on Design Thinking methodology. We engaged in local startup community and brought to Kraków inspirations from Silicon Valley and lessons learned at Stanford University.

Job-related skills

- experience in research work and other scientific activities
- experience in teaching on a university level, as well as high-, middle-, primary- and pre-school level
- experience in mentoring students in their research work
- fluent communication in English, ability to present ideas
- ability to cooperate in a team, find common grounds in discussions, listen and build on others' ideas
- practical knowledge of creativity techniques for individual and team work

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Independent user	Proficient user

Digital skills - Self-assessment grid

Other skills

I served as an *organizer, speaker, mentor or trainer* at several innovation and entrepreneurship-related projects, including "MakerSpace Kraków" (2013), "MediaLab of Social Innovations" (2013), Polish American Innovation Bridge (2013, 2016, 2017), Design Thinking Week Poland (2014, 2017).

ADDITIONAL INFORMATION

Memberships

- Member of "Top 500 Innovators" Association
- Founder member of Polish AI Society
- Former member of IEEE