

## SUMMARY

I am a PhD student in Computer Science at Polish-Japanese Academy of Information Technology. I work on machine learning with interest in pathological speech, and clinical applications of speech technology. In my professional capacity I am responsible for Aviva's global IFRS and Solvency II financial reporting systems: development, testing, underlying AWS infrastructure, and Vulnerability Management of all Corporate Functions applications. 14 years of experience in different IT roles, including 8 years in leadership positions.

## EDUCATION

### PhD Student Computer Science | Polish-Japanese Academy of Information Technology

OCTOBER 2018 – NOW

Interdisciplinary PhD studies in the area of ICT & Psychology, run jointly by Polish-Japanese Academy of Information Technology and SWPS University of Social Sciences and Humanities. Courses and projects in Big Data & Machine Learning, Biocybernetics, Natural Language Processing. Developed new algorithm for speech classification: 1 article published, 2 more submitted.

### Postgraduate Business Analytics | Warsaw University of Technology

OCTOBER 2014 – JUNE 2015

Postgraduate Diploma in Business Analytics from the Institute of Computer Science, Faculty of Electronics and Information Technology (part-time). Thesis: Implementation of sentiment analysis model for Twitter data in Polish language (with distinction).

### MSc Economic Computer Science | Cracow University of Economics

OCTOBER 2003 – JANUARY 2008

Graduated with MSc in Information Technology and Econometrics – Economic Computer Science from the Department of Management (full-time). Member of IT Student Club (2004-07), ISACA Poland (2005-07) and Polish Linux User Group (2003-now). Academic exchanges to France (ESDES Ecole Supérieure de Commerce & Management – 1 semester), Finland (Centria-ammattikorkeakoulu – 1 semester), and the UK (University of the West of Scotland – 1 year).

## TEACHING EXPERIENCE

### Advanced Multimedia Techniques | Polish-Japanese Academy of Information Technology

OCTOBER 2019 – FEBRUARY 2020

30 hours with MSc students of computer science and new media arts (3 different groups).

## ACADEMIC COLLABORATION

### Member of Daily Experience Lab | SWPS University, Warsaw, Poland ([website](#))

DECEMBER 2018 – NOW

Collaborating with prof. Izabela Krejtz and Krzysztof Krejtz in the fields of psychology, eye-tracking, and human-computer interaction.

### IT Expert | Mobility Research Group, SWPS University, Warsaw, Poland ([website](#))

DECEMBER 2018 – NOW

Collaborating with prof. Izabela Grabowska and her team in the field of social informatics (Digital Traces of Migrants).

## PUBLICATIONS

- Chlasta, K., Wołk, K. (2020). Effectiveness of Audio Transfer Learning in Detecting Dementia through Spontaneous Speech (Submitted).

- Chlasta, K., Wisiecka, K., Krejtz, K., Wołk, K., Krejtz, I., Kowalczyk, M., Holas, P., Rusanowska, M., & Nezlek, J. (2020). Towards e-Health with Gaze-Pattern Screening of Affective Disorders using Deep Learning. Cyberpsychology, Behavior, and Social Networking, ISSN: 2152-2715 (Submitted).
- Chlasta, K., Wołk, K., & Krejtz, I. (2019). Automated speech-based screening of depression using deep convolutional neural networks, Procedia Computer Science, Volume 164, 2019, Pages 618-628, ISSN 1877-0509, <https://doi.org/10.1016/j.procs.2019.12.228>.



## CONFERENCE PRESENTATIONS

- International Conference on Telemedicine & eHealth, Warsaw, Poland, organized by Polish Telemedicine and eHealth Society (November 22nd-23rd, 2019). Presentation title: "Application of machine learning algorithms to automate depression screening".
- HCist 2019 - International Conference on Health and Social Care Information Systems and Technologies, an Association for Information Systems affiliated conference, Sousse, Tunisia (October 16-18th, 2019). Presented "Automated speech-based screening of depression using deep convolutional neural networks".
- Co-organizer and speaker at dbConf, Hucisko-Zawiercie, Poland (October 28th, 2015). Together with Antoni Sobkowicz (Polish National Information Processing Institute) presented: "Sentiment Analysis - Our approach and use cases" ([video](#)).
- Speaker at dbConf, Szczyrk, Poland (October 25th, 2014). Presentation title: "High-performance Business Intelligence solution based on IBM Cognos and ParAccel Analytic Database" ([video](#)).
- Speaker at the International Conference for Young Researchers, University of Economics, Kishinev, Moldova (April 21st-22nd, 2005). Presented two topics: "Wireless Internet Adoption in Poland in 2005", and "Advantages and Disadvantages of Software Patents".



## KEY SKILLS & AWARDS

- 25 professional certificates: advanced level in MicroStrategy (4 exams), IBM Cognos (4 exams), EMC Captiva (3 exams), IBM DB2 (2 exams), hands-on experience with several aspects of IT
- Strong technical acumen with ability to quickly learn and contribute to technical discussions
- Proven people and project leadership, experience in setting up new teams, hiring, retaining talented engineers
- Well organized, analytical approach, communicative (incl. Polish, English, French)
- 2017 Aviva Global CIO Award – Global Winner in Outstanding Leadership Category
- Outstanding Academic Achievement Award for Students from Polish Minister of Higher Education (2005)



## ORGANIZATIONS & ACTIVITIES

- BCS - Professional member (MBCS), Association for Computing Machinery and IEEE - Student member
- Computer Science incl. programming, data engineering, Linux, Cognitive Sciences, Photography, Globetrotting
- Sports: Skiing, Running (Warsaw Marathon in 04:25, Yorkshire in 4:13, Tel-Aviv Marathon in 4:12, Krynica in 4:26 - the most difficult marathon in Poland. Overall ranking: 98th place, M ranking: 88th place, within age group: 17th place)



## ADDITIONAL PROFESSIONAL ACTIVITIES

### Systems Development & Vulnerability Manager | Aviva

OCTOBER 2016 – NOW (WARSAW)

- As a senior manager (IT-E) in AGC Corporate Functions CIO directly responsible for a mix of up to 11 employees and consultants (based in Warsaw, London and Norwich), led several projects incl. final stages of global Solvency II deployment, and now leading BAU change (engagement/PM, application development, DevOps, testing) for the Aviva's IFRS and Solvency II financial reporting systems. Hands-on experience with:
  - SAP BusinessObjects Financial Consolidation (BFC),
  - SAP Disclosure Management (DM),

- SAP Financial Information Management (FIM),
  - SAP BusinessObjects Business Intelligence (BI),
  - AWS Cloud, Bitbucket, Jenkins, Puppet, Packer, Terraform, Groovy and others.
- Additional responsibility, as the Vulnerability Manager to re-shape and manage the Vulnerability Management Programme across AGC Corporate Functions CIO. This resulted in the closure of a long running (7 years) global VM audit issue. Before 2019 – setup of the new Corporate Functions IT department in Warsaw, growing the team up to 34+ FTEs with operations and resource management for Finance, Actuarial, Risk & Legal teams.

### **Development Manager | Brown Brothers Harriman**

JANUARY 2015 – SEPTEMBER 2016 (KRAKOW)

- BBH Technology (Applications Development – Digital Client Experience Systems), head of global BI development function.

### **Sr Analyst, Team Leader and Manager | Royal Bank of Scotland**

FEBRUARY 2011 – DECEMBER 2014 (WARSAW/AMSTERDAM)

- As a manager (Vice President) at RBS Group (Business Intelligence & Decision Support).

### **Business Intelligence Consultant, Architect | MicroStrategy/Tesco Bank**

NOVEMBER 2009 – JANUARY 2011 (EDINBURGH/GLASGOW)

- As a MicroStrategy On-Site Lead deployed MicroStrategy 9 enterprise BI platform for General Insurance department of a recently established Tesco Bank.

### **Jr System Administrator, IT Application Support Specialist | IBM**

JULY 2007 – OCTOBER 2009 (KRAKOW)

- At Global Cost Management Tools Team (IBM Global Services – U.S. based Business Process Delivery), and Cracow IT Team (IBM Global Services – Business Process Delivery).

### **Software Developer | Hewlett-Packard**

AUGUST 2006 – NOVEMBER 2006 (WARSAW)

- Apprentice software developer in HP Technology Solutions Group - C&I Application Services.