

KAROLINA BOLESTA

+48 505 986 997 · kbolesta96@gmail.com · linkedin.com/in/karolinabolesta/



EDUCATION

Warsaw School of Economics, Warsaw, Poland

2020-present

PhD in Quantitative Economics, awarded with Rector's scholarship for best PhD students

Thesis: Labour market in light of the technological change. Analysis leveraging NLP methods

Warsaw School of Economics, Warsaw, Poland

2018-2020

Master of Arts in Quantitative Methods in Economics and Information Systems, with highest honors (top 1% graduates)

Thesis: Robotization of business processes using Artificial Intelligence

University of Warsaw, Warsaw, Poland

2015-2018

Bachelor of Arts in Finance, Accounting and Insurance, with highest honors (top 1% graduates)

Thesis: Manipulation and frauds in the financial statements

RESEARCH FELLOWSHIPS

Collegio Carlo Alberto, Turin, Italy

III 2021-IX 2021

Full scholarship, major: youth employment, EEA and Norway Grants (UE Agency for Fundamental Rights)

Georgetown University, Washington, D.C., United States

VI 2020

Research fellowship, major: Data Science and Artificial Intelligence

Full scholarship which was given to best 52 profiles worldwide

New York University, New York, United States

VII 2019

Research fellowship, major: Artificial Intelligence and Entrepreneurship

Selected as one of 500 participants out of 30000 applicants

WORK EXPERIENCE

Chancellery of the Prime Minister

Artificial Intelligence Expert in the research, innovation and implementation department

III 2021-present

- Setting up Polish AI strategy

Warsaw School of Economics

Research Assistant

XII 2020-present

- Research work, writing papers

Procter&Gamble

Senior IT Manager

X 2022-present

- Managing DevOps Engineers team, working on CI/CD and automation of software development

IT Manager

VI 2020-IX 2022

- Managing the development of one of the biggest global sales system in the company

APHR

Cyber Security Trainer

X 2019-XII 2019

- Conducted security trainings at Bydgoszcz University of Science and Technology

Warsaw School of Economics

Java Trainer

X 2018-VI 2019

- Conducted several dozen programming trainings at a basic and advanced level, ongoing support of trainees

VELUX

Project Manager of Robotic Process Automation Course

X 2019-I 2020

- Created a timeline for the project and supervised activities

Conquest Consulting

Business Consultant

III 2018-V 2018

- Market research, competitor analysis, expert interviews, strategic advice

SELECTED LEADERSHIP EXPERIENCE AND COMMUNITY INVOLVEMENT

Scientific Association for Computer Science

President of the Board

- Preparing strategic plans for organization development, leading the team of 120 people

VI 2019-V 2020

Project Leader of Girls do IT

- Coordinated the largest IT student project at the university, encouraging to join IT industry

X 2018-V 2019

The Grants Committee

President of the Board

- Coordinating the application and selection process for the scholarship, managing budget of 15.000.000 PLN

X 2019-VI 2020

SELECTED HONORS AND AWARDS

TOP 100 Women in Cloud Computing in Poland, Education Foundation PERSPEKTYWY	V 2023
Increased doctoral scholarship for the best PhD students of the Warsaw School of Economics	XI 2022
SGH Warsaw School of Economics Leader Award 2022 in Social Impact	VI 2022
TOP 100 Women in AI in Poland , Education Foundation PERSPEKTYWY	VI 2022
Increased doctoral scholarship for the best PhD students of the Warsaw School of Economics	XI 2021
Forbes 30 under 30 – young people who conquer the world	IX 2021
2nd prize in international competition for best mobile app improving social inclusion	VIII 2020
Academic Noble Prize in 2 categories: Economics and Social Impact	VII 2020
Distinction at Canvas Challenge – business competition at Warsaw School of Economics	V 2020
Scholarship Data Science Massachusetts Institute of Technology	V 2020
1st prize winner in the final round of an international hackathon Hack Covid 19 in Azerbaijan	IV 2020
Santander Machine Learning & Artificial Intelligence scholarship	IV 2020
Finalist of Top Young 100	I 2020
Finalist of EmpowerPL, Boston Consulting Group	I 2020
National Science Center, Poland, research grant	X 2019
3rd prize winner of RIS Challenge Labs organized by EIT Food (European Institute of Innovation & Technology)	X 2019
Young Scientist Scholarship, Warsaw School of Economics	VI 2019
Scholarship for high-impact entrepreneurs 2019, TrepCamp, Los Altos, CA	V 2019
Rector's scholarship for academic excellence, Warsaw School of Economics	2018/2019
Rector's scholarship for academic excellence, Warsaw School of Economics	2019/2020
1st prize winner of the 14th edition of IT Academy at Deloitte	XII 2018
Rector's scholarship for academic excellence, University of Warsaw	2015/2016
Rector's scholarship for academic excellence, University of Warsaw	2016/2017

LANGUAGES

Polish – native, English – fluent, French – basics, German – basics

PROGRAMMING AND ANALYTIC SKILLS

Java, C++, SQL, Python, HTML, CSS, JavaScript, VBA, STATA, SPSS

RESEARCH GRANTS

Team member of COST Action 19130 Fintech and Artificial Intelligence in Finance (FinAI).	I 2022-present
Team member in the international research project EUSOCIALCIT about social inequalities financed by EU H2020.	IX 2020-present
Team member in the international research project SHARE about aging financed by EU H2020.	I 2021-I 2022
Team member in the international research project VIRAGE about gender equality financed by EU H2020.	IX 2020-XII 2021
Team member in the international research project ANGLE about financial education financed by EU H2020.	X 2021-I 2022
Team member in the research project of the National Science Center of Poland "Polarization of the Polish labour market in the context of technological change".	VIII 2020-VII 2021
Managing one research project (increasing the efficiency of the organization) and being a team member in the other (building a database) as part of the initiative of the Polish Association of Logistics Managers.	V 2020-X 2021
Managing research as an Account Manager during the European Matchathon hackathon.	V 2020
Team member in the Massachusetts Institute of Technology research project in the field of Digital Transformation.	IV 2020

Team member in the research project of the Students' Parliament of the Republic of Poland "How do students obtain information about the university?".

III 2020

Team member in the project of the National Science Center "Unemployment registered as a non-traditional path of professional deactivation of the elderly. Analysis using longitudinal data about multiple events".

XI 2019-present

Participant of the first edition of the research program "Young Scientist".

VI 2019-V 2020

Team member in the research project "Study of the savings market among students".

II 2019-IV 2019

SELECTED PAPERS

Eick et al. (2023). EuSocialCit Working Paper. How citizens understand European social citizenship: deepening quantitative survey results with focus group analysis. DOI: 10.5281/zenodo.8289115.

Szlaví et al. (2023). Bridging Values: The Inclusion of Young Generations in Computing. Springer, Lecture Notes in Computer Science, Universal Access in Human-Computer Interaction. DOI: 10.1007/978-3-031-35681-0_10.

Nechkoska et al. (2023). Academia Diffusion Experiment: Trailblazing the Emergence from Co-Creation [in:] Facilitation in Complexity. From Creation to Co-creation, from Dreaming to Co-dreaming, from Evolution to Co-evolution. Springer. DOI: 10.1007/978-3-031-11065-8.

Nechkoska et al. (2023). Multi-Vortex Tornado Blueprint for Disruptive Global Co-Creation (Inspired by EUvsVirus) [in:] Facilitation in Complexity. From Creation to Co-creation, from Dreaming to Co-dreaming, from Evolution to Co-evolution. Springer. DOI: 10.1007/978-3-031-11065-8.

Bolestka, K. (2023). The specificity of the labor market for generation Z in the European Union countries in the quantitative and qualitative perspective. Economic and Regional Studies. ISBN 978-83-64881-95-4.

Bolestka, K. (2023). Principal component analysis of the older workers population registered in the public employment offices as unemployed, The Polish Statistician, vol. 68, 13. DOI: 10.5604/01.3001.0016.2361.

Bolestka, K. (2022). Youth labour market: indicators of demand and availability before and during Covid-19, Iceland, Lichtenstein and Norway grants.

Cichowicz, E., Galecka-Burdziak, E., Flaszynska, E., Bolesta, K. (2022). Pre-retirement allowances and benefits. Premature professional deactivation?, Praca i Zabezpieczenie Społeczne.

Chłoń-Domińczak, A., Kotowska, I. E., Magda, I., Smyk-Szymańska, M., Strzelecki, P., Bolesta, K. (2021), EuSocialCit Working Paper. The role of social investment in the life course: possible reduction in vulnerability and gender gaps. DOI: 10.5281/zenodo.6358545.

Bolestka, K. (2021). Security of data and IT systems [in:] Economic considerations of SGH students, Jamroży, M., Karbowski, A. (red.), Publishing House of the Warsaw School of Economics, Warszawa 2021, s. 33-54, ISBN: 978-83-8030-441-3.

Bolestka, K., Sobik, B., (2020). Analysis of anti-crisis measures during the COVID-19 pandemic in European countries. Scientific Journals of the Polish Economic Society in Zielona Góra, 7(13), s. 18-30, DOI: 10.26366/PTE.ZG.2020.176.

SELECTED PRESENTATIONS AT SCIENTIFIC CONFERENCES

<i>The labor market for youth in the quantitative and qualitative perspective</i> , The labor market challenger, Biala Podlaska	2022
<i>The role of social investment in the life course</i> , 28 th International Conference of Europeanists, Lisbon	2022
<i>Labour market polarisation - the analysis of unmet labour demand using AI methods</i> , University of Rijeka	2021
<i>Older people in the registers of poviat labor offices</i> , Warsaw University of Life Sciences	2021
<i>Multi-factor analysis of job offers from the qualification analysis</i> , State Higher School of Pope John Paul II in Biala Podlaska	2021
<i>Older people in the registers of poviat labor offices</i> , Warsaw School of Economics	2021
<i>What skills on labour market really matter? Analysis using k-means method</i> , Science: Polish Perspectives Conference	2021
<i>Registered unemployment for people aged 50+</i> , Theory and practice of social policy, Warsaw	2020
<i>The applications of Artificial Intelligence you have never heard of</i> , Warsaw University of Technology, Warsaw	2019
<i>Human Learning in Machine Learning, ML in PL Conference</i> , Warsaw	2019
<i>Artificial Intelligence in business robotization</i> , Reflector – short area, Ilawa	2019
<i>Make the most of data whisper in everyday life using Artificial Intelligence</i> , HackYeah, Warsaw	2019
<i>How to boost your business with Artificial Intelligence</i> , X edition of Warsaw IT Days, Warsaw	2019