PAWEŁ RYBACKI

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SKILLS & INTERESTS

- Interests: Data Science, Financial Technology, Cultural Economics, Interdisciplinary Social Science Research, Public Policy.
- Skills: Data Collection, Cleaning, Analysis, and Visualization; Quantitative Methods; Research Design; Proposals and Reports.
- Technical: Stata, R, Python, SQL, Excel, Word, PowerPoint, HTML, CSS, GitHub, Gephi, Gimp.
- Select Coursework: Quantitative Methods, Econometrics, Statistical Modeling, Data Visualization, Network Analysis, Economic Sociology, Survey Research Design, Probability, Real Analysis, Public Economics, Behavioral Development Economics.
- Languages: Polish (Native), English (Fluent), Italian (Intermediate), German (Basic).

EDUCATION

University of Chicago, Chicago, IL
M.A., Social Sciences (MAPSS); Sociology (GPA: 3.9), Expected: August 2022

Harvard University, Cambridge, MA
B.A., Cum Laude & High Honors, Economics (GPA: 3.8), May 2021

PROJECT EXPERIENCE

University of Chicago, Chicago, IL
Researcher, "The Rise of a Challenger Bank: A Case Study of Revolut's Evolution," January, 2022 – present
- Collected data on financial, human, and social capital of Revolut and its four competitors.
- Produced graphs visualizing investment patterns, ownership structure, interlocks, employment history, and Twitter interactions.
- Performed qualitative and quantitative network analyses in Gephi.
- Found a low density of the interconnections and a negative relationship between centrality and profitability.

Harvard University, Cambridge, MA
Researcher, "The Persistent Economically Significant Cultural Consequences of the Partitions of Poland," Sept. 2020 – May 2021
- Managed all aspects of research project at the intersection on cultural, development and behavioral economics.
- Made proposal, collected and analyzed data, and wrote journal-article length thesis.
- Created a survey on economic preferences; Raised $9,500 to obtain 3,150 responses.
- Conducted spatial data analysis in Stata and R; Found negative effects of Russian occupation on social capital in Poland.
Research Papers on Political Economy, February 2019 – May 2021
- Found significant effects of religious beliefs on health and mortality using three instrumental variables.
- Analyzed the impact of communism on generalized trust in 14 tables and found a positive relationship.
- Produced 11 scripts and combined ten datasets; Analyzed association between decentralization and infrastructure development.
CS 50 Project: Capturing Memories Across Time and Space, September 2019 – December 2019
- Created a blog using HTML, CSS, Python and SQL.

Harvard Graduate School of Education, Cambridge, MA
Research Assistant, Professor Emmerich Davies, February 2019 – October 2020
- Produced 7 comprehensive cleaning and reporting scripts in R and Stata.
- Merged large and complex datasets with 18 million observations, interpreting nuances with limited documentation.
- Co-designed coding rules and reviewed, corrected, and fixed dozens of bugs in R and Stata code.

PROFESSIONAL EXPERIENCE

Anonymous US Fintech Company, Remote
Consultant, August 2021
- Provided market research on the payment app landscape for a fintech company considering entering the Polish market.
- Identified pain points and opportunities; Consulted on how to combine new and existing services in a potential new application.

Ministry of Entrepreneurship and Technology, Warsaw, Poland
Summer Intern, Department of Economic Analysis, July – August 2019
- Developed 13 indicators measuring firm expenditures in terms of efficiency, subsidy use, and human capital formation.
- Proposed policy solutions to address the depopulation of Poznań and of the underdevelopment of Świętokrzyskie.
- Delivered weekly written reports to the department head on inflation, trade, investment, and public procurement.

AWARDS

Michael C. Rockefeller Memorial Fellowship; Weissman International Internship Program; Kenneth I. Juster Fellowship, CID/Malcolm Wiener Center Joint Award; Harvard Ukrainian Research Center Grant.