

## NOMIN BATBAYAR

Data Scientist

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• [github.com/nomikori](https://github.com/nomikori)

• Warsaw, PL

Data Scientist with a background in Economics and Big Data Analysis within Customer Loyalty service. Currently pursuing a Master's degree in Data Science and Business Analytics, focusing on researching the impact of educational reforms on employment outcomes in Mongolia.

### EDUCATION

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|----------------------|---|
| Oct 2021 – Jul 2024  | <b>Master of Arts</b><br>Faculty of Economics, University of Warsaw, Poland<br><b>Thesis topic:</b> “The Impact of Education on Wages and Employment in Mongolia, and the Effects of Educational Reforms” |
| Sep 2015 – June 2019 | <b>Bachelor</b><br>Faculty of Economics, University of Finance and Economics, Mongolia<br><b>Thesis topic:</b> “Estimating Mongolian Export Potential”  |

### WORK EXPERIENCE

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|---|---|
| <b>United Alliance LLC</b><br>Mar 2020 - Dec 2021 | Information Research Specialist <ul style="list-style-type: none"><li>- Conducted a wide range of reporting, including business performance, campaign performance, and for partner companies</li><li>- Cleaned raw data from Big Data databases, conducted preprocessing, and analysis, and built automated dashboards.</li></ul> |
| Jul 2019 - Mar 2020                               | Product Development Specialist <ul style="list-style-type: none"><li>- Developed and implemented 2 key products of the customer loyalty program.</li></ul>  |
| <b>Free Writers NGO</b><br>Sep 2017 – Jun 2018    | Project Manager <ul style="list-style-type: none"><li>- Organized educational events, managed logistics, and coordinated guest speakers.</li></ul>  |
| Jun 2017 – Nov 2017                               | Assistant/ Secretary <ul style="list-style-type: none"><li>- Keeping meeting protocols, sending email information to members, managing electronic or paper documents</li></ul>  |

### PERSONAL SKILLS

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| Mother tongue | Mongolian   |
| English       | Central Foreign Language Proficiency Examination: Proficiency – B2, grade A |

Skills	<ul style="list-style-type: none"> <li>- Proficient use of Data analytical, Machine Learning, Econometric, and Statistical methods and approaches</li> <li>- Proficient command in R(extensive use in own studies and work), Python, SQL; Basics of other statistical software/languages for data analysis, e.g. Stata, C++</li> <li>- Proficient use of Microsoft Office™ tools for reporting and presentations; Good command of Latex</li> <li>- Proficient use of automated reporting tools R Studio Shiny, Markdown, Power BI, Tableau</li> <li>- Experience working with Mongolian Survey data (e.g. LFS, HSES)</li> <li>- Experience in using web scraping tools and text mining in Python</li> <li>- Experience in survey design, and working with large datasets</li> </ul>
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## **PUBLISHED ARTICLE**

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Nomin, B., Byambadorj, M., and Temuulen, M. (2019). The Determinants of Labor Force Participation Rate – *Money, Finance, Wealth*, vol. 16.

[mongolbank.mn/mn/research](http://mongolbank.mn/mn/research)

## **UNPUBLISHED ARTICLES**

Nomin, B., Sugarbayar, E., Natalia, R. (2023). The Effect of Money Supply on the Performance of the Stock Market S&P 500.

Nomin, B. (2023) Customer Behavioral Intention of Mobile Coupon Redemption using TAM

Nomin, B., Ankhbayar, E. Enkhtushig, L. (2019). Mongolian Socio-Economic and Demographic Problems in the Twentieth Century.

Nomin, B., Byambadorj, M., Boldmaa, B. (2018). Determinants of profit of commercial Banking in Mongolia

Sugarbayar, E., Nomin, B. (2017). Ways to develop SMEs using SPV structures in geographical clusters.

## **AWARDS**

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### **Academic Peer Achievements**

2 <sup>nd</sup> place	<p>National Econometric Olympiad of the University of Finance and Economics 3rd Edition, 2019</p> <ul style="list-style-type: none"> <li>- Demonstrated skill in writing a comprehensive academic research paper on a given topic using an appropriate econometric model and data within a given period</li> </ul>
3 <sup>rd</sup> place	National Students Academic Conference of the National University of Mongolia, 2018
1 <sup>st</sup> place	Academic Conference for the 100th anniversary of the National Statistics Office, 2018
3 <sup>rd</sup> place	Students Academic Conference for Development of SMEs, 2017

### **Personal Achievements**

1 <sup>st</sup> place	Second Edition International Literary Competition for Foreigners Learning Polish, 2023
3 <sup>rd</sup> place	Student Archery Competition of the University of Finance and Economics, 2017