

Dinmukhamed (Dimash) Alchinbayev

Boston, MA

Looking for Research Assistant and Data Analyst Positions

alchinba@bc.edu | (857) 200 6565 | [Dimash's LinkedIn](#) | [Personal Website](#)

EDUCATION

BOSTON COLLEGE, Woods College of Advancing Studies

Boston, MA

M.S. Applied Economics; M.S. Applied Analytics

Jan. 2023–May 2024

GPA: 3.9

SUFFOLK UNIVERSITY, College of Arts and Sciences

Boston, MA

B.A. in Economics; B.A. in Politics, Philosophy, and Econ

Sep. 2018–May 2022

GPA: 3.6; Econ GPA: 3.9; Honors Scholar

RELATED COURSES

Econometrics; Machine Learning Algorithms; Market Research and Data Analysis; Economic Forecasting; Statistics and Probability; Linear Algebra and Differential Equations; Multivariable Calculus; Financial Economics; Public Finance; Politics and Data Analysis; Macro and Micro Theory

EXPERIENCE

Asian Development Bank

Remote

Research Assistant

Sep. 2022–Feb. 2022

- Worked with the team of economists to identify key hypotheses and metrics to identify the impact of digital finance on agricultural enterprises.
- Found relevant data from the official and secondary sources, such as National Banks and other researchers; cleaned and transformed the data, using Stata, R, and Excel for easier use and analysis.
- Worked with and cleaned the WDI and FINDEX survey datasets; visualized the statistics, using Stata and Excel.
- Did OLS regression and statistical analyses on the individual characteristics associated with borrowing, among agricultural cultivators using Stata.
- Collected secondary sources and composed literature reviews on the latest academic and business progress on digitalization of agricultural finance.
- Delivered outcomes within tight deadlines.

Beacon Hill Institute

Boston, MA

Data Analyst and Research Assistant

Nov. 2021–Aug. 2022

- Collaborated with the team of researchers to identify the key metrics needed for the research of the effects of taxes on businesses and government spending in Massachusetts.
- Composed literature reviews on the effects of the earmarked tax revenue on the government spending.
- Found, cleaned, and organized data from the Federal and State sources, using R and Stata.
- Did regression analysis and visualized earmark tax revenue and relevant spending data using R and Stata.
- Delivered outcomes within tight deadline.

Qazindustry, Center of Industry and Export

Astana, Kazakhstan

International Experience and Export Analyst Intern

Jun. 2019–Aug. 2019

- Translated technical information about government subsidies into non-technical presentations for the small and medium domestic exporters.
- Conducted interviews with multiple business owners virtually and in person and advising them corresponding to their needs.
- Conducted a comparative analysis of successful cases of the international analogs of the government support of the exporters. Communicated key findings of the analysis to the stakeholders.
- Designed a virtual assistant program that improved clients' interaction with the program.

SKILLS

- Software: R, Stata, Excel, SQL, Python, PowerPoint, Tableau, Git
- Machine Learning, Statistical data analysis, Data Manipulation; Data Visualization

- Literature Review; Presenting; Communication; Teamwork; Problem Solving
- Languages: English, Russian, Kazakh

INDEPENDENT RESEARCH

Applied Machine Learning Project ([Link](#))

- Trained multiple ML models in R (Ridge Regression, Splines, KNN, Regression Trees, Trees Bagging, and Support Vector Machines) to predict the value of Procurement contracts based on their available descriptions and corruption indices. Result: KNN and Bagging are the most optimal models to predict Procurement Contract values.

Economics Senior Thesis on Effectiveness of Economic Sanctions ([Link](#))

- Performed literature review; statistical data analysis; combined multiple databases (GSDB, World Bank, and Freedom House), and used a logistic regression model to find what factors lead to the increase in the probability of the success of sanctions. Result: Sanctions are more likely to succeed if they aim narrowly, ban trade completely, and are aimed towards politically non-free countries.

Senior Thesis on Political Economy of Corruption in Russia and the Effects of Sanctions on it

- Performed extensive literature review of Russian sources, data analysis, and application of existing philosophical paradigms to answer multidisciplinary question of the nature of corruption in Russia.