

# Dinmukhamed (Dimash) Alchinbayev

Boston, MA

Looking for Research Assistant and Data Analyst Positions

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## EDUCATION

**BOSTON COLLEGE, Woods College of Advancing Studies**

Boston, MA

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

Jan. 2023–May 2024

**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

Big Data Econometrics; Applied Statistics; Economic Forecasting; Managerial Economics

Statistics and Probability; Linear Algebra; Multivariable Calculus

Politics and Data Analysis; Political Economy; Public Finance; Market Research and Data Analysis

## EXPERIENCE

**Asian Development Bank**

Remote

**Research Assistant**

Sep. 2022–Feb. 2022

- 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

- Composed literature reviews on the effects of the earmarked tax revenue on the government spending.
- Collaborated with the researchers to identify the key metrics needed for the research of taxes.
- 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.
- Found and analyzed 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
- Machine Learning, Statistical data analysis, Data Manipulation, Cost-benefit analysis, Clustering
- Communication of dense economic and political concepts; Data Visualization; Presentations
- Languages: English, Russian, Kazakh, German (A1)

## INDEPENDENT RESEARCH

**Applied Machine Learning Project**

- 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**

- 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.