



CYRUS TADJIKI, B.S.

RESEARCHER AND ANALYST

CONTACT

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EDUCATION

B.S. ECONOMICS
UNIVERSITY OF OREGON

PROFILE

Cyrus Tadjiki joined NPC Research in November 2022 as a Researcher and Data Analyst. Since joining NPC, Mr. Tadjiki has worked on a variety of research and evaluation projects related to treatment courts and child abuse prevention programs. Additionally, Mr. Tadjiki assisted automating NPC's Best Practice assessments as part of the treatment court evaluation process.

Mr. Tadjiki has experience in data automation and empirical analysis in R and Excel along with report-making experience using R Markdown and GitHub. His background also includes quantitative research methods, as well as extensive data cleaning, processing big data, econometrics, and machine learning. Prior to joining NPC, Mr. Tadjiki conducted research analyzing domestic abuse during the pandemic.

WORK EXPERIENCE

RESEARCHER AND ANALYST

NPC Research | November 2022 – Present

Responsible for data collection and management on several research and evaluation projects. Collects data from a variety of sources, including client databases and survey platforms such as Qualtrics. Merges, cleans, and formats datasets with as many as millions of cases across thousands of variables. Employs a variety of quantitative techniques, including longitudinal analyses. Visualizes, describes, and presents analytic results to assist in providing data-driven feedback and findings to programs. Works closely with Project Directors and program staff to ensure accurate and high-quality products, addressing the specific needs of various clients.

PERSONAL SERVICE WORKER

Deschutes County Health Services | June 2018 – July 2021

Assisted people with intellectual disabilities on day trips within their communities on how to order food, pay, and tip, as well as practice social skills. Inspired people on how to advance to adulthood and simultaneously built great friendships with them. Developed a detailed report every 2 weeks on their progress.

SELECTED PROJECT EXPERIENCE

PREDICTING SPAM EMAILS (Machine Learning Project)

March 2022

Predicted spam and non-spam emails from raw text data with high precision and accuracy. Implemented Naive Bayes, Random Forests, Logistic Lasso, Log Regression, and Lasso classifiers.

THE EFFECT OF COVID-19 ON DOMESTIC CRIME

Honors Thesis - September 2021 - March 2022

Produced a year-long research project analyzing the relationship between school closure during COVID-19 and domestic crime.

BLOG POST: HOW FAST IS ASIA GROWING?

November 2021

Implemented fixed effect linear regressions to analyze how quickly Asia is growing in population. Compared the result of China's one child policy to what happened with the population growth in the rest of Asia.