Pavel Panko

pavel.panko@ttu.edu ◇ ⍾ ppanko ◇ **in** pavel-panko

Lubbock, TX

EDUCATION

Texas Tech University **Lubbock, TX**
Doctor of Philosophy, Educational Psychology (Quantitative Methods) May, 2020
Master of Education, Educational Psychology (Quantitative Methods) August, 2016

Texas Tech University, Rawls College of Business **Lubbock, TX**
Master of Science, Data Science May, 2020

University of Kansas **Lawrence, KS**
Bachelor of Arts, Psychology (Minor in Social and Behavioral Sciences Methodology) May, 2014

PROFESSIONAL QUALIFICATIONS

- Over seven years experience working in data analysis with a specialization in statistical programming. Passionate about open source statistical software, simulation experiments and high-performance computing.

- Applied research experience demonstrated by high-level published research articles & reports in a variety of areas such as medicine, education, psychiatry, and statistics.

- Leadership experience garnered over five years of coordinating teams of researchers and scientists in academic, private, and government settings.

- Teaching experience in statistical methods as a technical trainer, consultant, and classroom instructor for both Graduate and Undergraduate students.

TECHNICAL SKILLS

Programming & Scripting	R, Python, BASH, git, C++, SQL, elisp
Data Analysis	Mplus, SAS, LISREL
Document Preparation & Text Editing	LaTeX, Markdown, Emacs, Microsoft Office
Operating Systems	Arch Linux, Ubuntu, Fedora, Linux Mint

WORK EXPERIENCE

Institute for Measurement, Methodology, Analysis, & Policy September 2014 - Present
Senior Quantitative Analyst

· Conducted advanced statistical analysis to test a variety of research hypotheses.
· Developed software in R to assist in data analysis for both clients and internal research teams.
· Guided clients in developing a data-driven narrative to answer extant research questions.

Stats Camp June 2012 - Present
Statistical Consultant

· Instructed Stats Camp attendees in cutting-edge research methodology.
· Assisted attendees in applying newly-acquired methods to their research.
· Collaborated with Stats Camp instructors to publish novel research ideas.

Center for Research Methods & Data Analysis September 2012 - May, 2014
Research Analyst

· Analyzed large-scale national data sets using regression and structural equation modeling.
· Conducted simulation experiments in multilevel modeling.
· Coordinated statistical consulting sessions.