

Ilya Nudnou

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researchgate.net/profile/Ilya-Nudnou

SUMMARY

I am a cognitive psychology researcher with 5+ years of experience, and I focus on & enjoy the data analysis and programming aspects of research. I aim to provide the most precise answer possible based on the original question, using various data modalities and methods. I can identify efficient ways of answering complex questions, and to summarize & simplify conclusions for non-expert audiences. I especially like helping others with data & programming-related challenges.

EXPERIENCE

Graduate Researcher

Aug 2020 – May 2025

North Dakota State University | Fargo, ND

- Collaborated with team members across 3+ sites for a world video database study with over 200 hours of data, managing all aspects of data collection for our site
- Calibrated and troubleshoot eyetracking hardware & software implementation on Windows and Linux machines via Python and the command-line
- Designed over 15 experimental, data processing, and data analysis pipelines for in-person and online studies via Python, Matlab, R-Studio, SPSS, & SAS
- Conducted literature reviews (indexing 50+ articles each) for over 10 laboratory projects
- Contributed to 5+ manuscripts, 3 being first-author papers with over 5000 words each
- Presented research across 5+ conferences in US and Canada and during many department meetings & events
- Supervised & mentored 10+ research assistants and thesis students as they completed data collection & analysis and developed written manuscripts in the lab
- Conducted 10+ data collection designs in-person and online via SONA, PsychoPy, PsychoJS, Qualtrics, Pavlovia, MTurk, and Prolific involving over 1000 participants

Course Instructor

Jan 2023 – May 2024

North Dakota State University | Fargo, ND

- Taught three psychology methods junior-level courses with over 20 students per class
- Adapted existing syllabi to incorporate latest learning objectives (e.g. AI, research tools)
- Designed hands-on learning opportunities via class exercises and written assignments
- Communicated one-on-one with over 30 students to assist with learning outcomes

Lab Manager

Sep 2017 – May 2020

University of Toronto | Toronto, ON

- Supported the work of two post-docs, three graduate students, and over 5 research assistants (meetings, data collection, testing schedules, datasets)
- Communicated with over 400 study participants in support of ongoing projects (study instructions, scheduling conflicts, study protocol and debriefing)

EDUCATION

North Dakota State University | Ph.D., Psychology

2025

North Dakota State University | M.S., Psychology

2022

University of Toronto | B.S., Psychology (Honors)

2017

SKILLS

- Programming (Python, Matlab, R, Javascript, HTML)
- Data Management (Excel, SQL, Qualtrics, REDCap)
- Data Analysis (RStudio, SPSS, SAS)
- Git (Github, Gitlab, Sourcetree)
- Communicating
- Presenting
- Organizing
- Writing