GUSTAV JW LUNDBERG

PROFILE

I am a Data Analyst based in the New York Metropolitan Area. I utilize methods from my background in Social Neuroscience to collect, process, analyze, and present data related to human behavior / cognition.

EXPERIENCE

The Dan K Show 📍 Jersey City, NJ
STATISTICAL CONSULTANT August 2021 - Present

- Validated individual athlete and team ranking algorithms
- Developed and implemented a novel data pipeline (automated scraping, processing, and analysis of data published online by regional hockey leagues)
- Integrated recent developments in statistical theory and models to improve the predictive accuracy of the proprietary individual athlete and team ranking algorithms
- Created figures and plots to aid in data presentation / interpretation

Joshua Miller / ECW 📍 NYC, NY
DATA ANALYST August 2021 - Present

- Designed survey to gather data on user experience (~2,000 weekly users)
- Collected, processed, and analyzed data
- Presented this data to the server development team (~15 people) and provided data driven strategies to improving user experience based on this information
- Presented data on user experience to stakeholders and general public (45 min talk with 200 people attending)

New York University 📍 NYC, NY
RESEARCH FELLOW September 2017 - August 2021

- Conducted research examining the cognitive and neural mechanisms underlying social categorization
- Utilized a wide range of methods (surveys, computer based experiments, geospatial analysis, online data scraping, and fMRI)
- Coded experimental studies in Python and Matlab
- Analyzed data using Matlab, Python R, SAS, SPSS
- Employed a wide range of statistical methods (including multilevel models, structural equation modeling, and machine learning)
- Presented findings at major international conference in applicable fields (Social Psychology and Social Neuroscience)
- Published in leading peer reviewed / scientific journals
- Secured research grant funding
- Mentored 7 undergraduate students and helped them to secure funding for research

TEACHING ASSISTANT / ADJUNCT September 2017 - August 2021

- Taught undergraduate classes in person and via Zoom
- Completed administrative work related to courses (scheduling exams, grading, course website creation/maintenance, office hours)
- Received an average of 4.7 (out of a maximum of 5) in terms of student ratings for Introduction to Psychology, Research Methods, and Social Neuroscience

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📍 Jersey City, NJ, USA

SKILLS

Programming: Bash, HTML, JavaScript, MATLAB, Python, R, SAS, SQL
Statistical Programs: MATLAB, MS Excel, Python, R, SAS, SPSS
Developer Tools: Git, Docker
Misc: Adobe Photoshop, Adobe Illustrator, LaTeX, MS PowerPoint, MS Word

LANGUAGES

English	Native
Swedish	Native
German	B2
Spanish	A1

DIPLOMAS

B.A. in Psychology and Sociology
M.A. in Psychology

Department of Psychology / Sociology, University of Iowa   📍 Iowa City, IA

LAB MANAGER   September 2013 - May 2017

- Managed a large Sociology laboratory (2 Professor, 5 Graduate Students, 25 Undergraduate Research Assistants)
- Responsible for day-to-day operations of the laboratory
- Planned experimental studies, ensured quality of data collected, secured the recuitment of research participants, organized weekly laboratory meetings, and handled all laboratory administrative work

RESEARCH ASSISTANT   September 2013 - May 2017

- Participated in the research process from start to finish (establishing theoretical background, designing experiments, data collection/processing/analysis/presentation, and publication of findings)
- Presented at major regional conferences
- Published in leading scientific journals

EDUCATION

M.A. in Psychology

New York University

September 2019 - August 2021

Specialized in Social Psychology and Social Neuroscience

B.A. in Psychology & B.A. in Sociology

University of Iowa

September 2013 - May 2017

Specialized in Social Cognition and Social Psychology