

Nicholas Judd



Cognitive scientist

+46 (0)79 335 1725

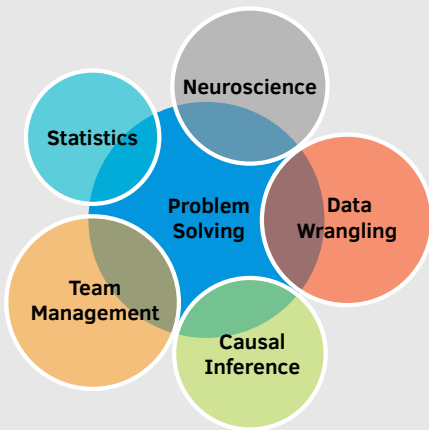
njudd.com

nickkjudd@gmail.com

/in/nickkjudd

njudd

Competencies



Coding

R • Lavaan • lme4 • ggplot2

SQL • Bash • Docker • Git

LaTeX • Python

Experience

- Jan 2018-ongoing **Ph.D. Neuroscience** Karolinska Institute
- I use experimental and observational data sets to research how children's cognition develops. Our lab takes a three-pronged approach by combining neuroimaging, genetic and behavioural data.
 - Have experience supervising masters students in cognitive neuroscience, machine learning and medicine.
 - Invited to give talks at international conferences.
 - I am particularly interested in causal thinking, hypothesis generation and team based problem solving.
- Sep 2016-Jul 2017 **Researcher** Karolinska Institute
- Analyzed the neural mechanisms underpinning working memory training in children.
- 2015-2017 **M.Sc. Brain and Cognitive Sciences** University of Amsterdam
- Feb 2016-Aug 2016 **Research Assistant** Forstmann lab
- Worked developing an atlas for the human subcortex.
- 2014-2015 **M.Sc. Cognitive Science** Umeå University
- 2011-2014 **BA (Hons) Psychology** DBS School of Arts

Professional training

- May 2021 **Medical Innovation Bootcamp**
Carlson School of Management & SESS
- May 2021 **Singularity Workshop**
Uppsala Multidisciplinary Center for Advanced Comp. Sci.
- Apr 2021 **Analyzing data in a HPC environment using R**
KTH royal institute of technology
- Feb 2019 **Structural Equation Modeling Workshop**
Lund University
- Jan 2019 **High performance computing introductory course**
Uppsala Multidisciplinary Center for Advanced Comp. Sci.

Selected Projects

- Jan 2018-Jan 2021 **App based Math training** Cognition Matters
- A/B tested different training exercises to improve mathematics in 6-8 year-old children.
 - Learned SQL, clustering techniques and mixed effects models.
 - Was invited for a talk at UCL's Centre for Educational Neuroscience.
 - <https://doi.org/10.31234/osf.io/z3pb7>
- Jan 2019-Mar 2020 **IMAGEN Project** Karolinska Institute
- Led a team involved the analyses of imaging, genetic and behavioural data.
 - Learned structural equation modeling and worked with UPPMAX's high performance computing cluster.
 - Supervised two masters students
 - <https://doi.org/10.1073/pnas.2001228117>

References and certificates are available upon request!