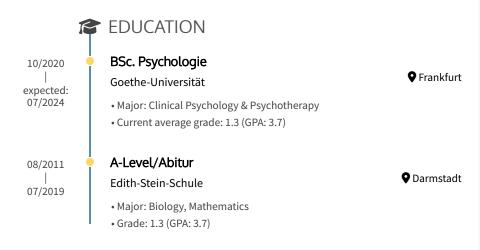
# Jan Luca Schnatz

Student of Psychology at Goethe University





## PROFESSIONAL EXPERIENCE

2022/10 present

### Undergraduate Research Assistant

Work unit for differential psychology and psychological diagnostics

- Frankfurt am Main
- Co-facilitated a seminar on classical test theory and questionnaire construction techniques
- Assisted with data analysis in R (item analysis and exploratory factor analysis)
- Participated in sessions, answered questions and supported students in developing their own psychological tests
- Wrote two tutorial scripts in RMarkdown for item analysis and exploratory factor analysis, published on pandaR (open R resource platform) as a cheatsheet for students.

2023/04 present

## **Undergraduate Research Assistant**

Work unit for psychological methods with interdisciplinary focus

- Frankfurt am Main
- Collaboration in the DigiTeLL-Partnership Project tigeR, aimed at developing a self-learning tool for the statistics course in psychology using R Shiny
- Active development of the software infrastructure in the R Shiny framework
- Public outreach within the project to present the ideas and progress to other DigiTeLL partnerships.



#### CONTACT

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- @jlschnatz
- @ilschnatz

## **SKILLS**

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### **INTERESTS**

Open Science: reproducible analysis pipelines and reports, data management, FAIR data, replication crisis Clinical Neuropsychology

Last updated on 2023-08-03

2021/08 | 2023/03

### **Undergraduate Research Assistant**

Work unit for educational psychology with a focus on counseling, diagnosis, and evaluation.

Frankfurt am Main

- Collaborated in the DigiTeLL-Partnership Project AKGU, aimed to advance the KAT-HS software, which was developed for competency-oriented adaptive exams in the university. Implemented an exam review feature (via RMarkdown) as well as new item formats
- Significantly contributed to the development of the IACAT conference
- Supported the lecture by preparing and editing slides as well as contentrelated aspects.

2019/09 | 2020/09

#### Voluntary Social Year

Kindertagesstätte Papillon

**♀** Darmstadt

- Took an active role in the daily care and supervision of children aged 1 to 3 years old as part of a small team
- Participated in the planning and organization of activities in the nursery group, communication with the parents of the children, and contributed to team meetings and the overall operation of the daycare center.



#### **TUTORIALS AND WORKSHOPS**

2023

#### Itemanalyse

Schnatz, J. L., & Farugie, A. (2023, January 24). *Itemanalyse: Itemanalyse* [Tutorial]. Testtheorie und Testkonstruktions Seminar, Goethe-University, Frankfurt. https://pandar.netlify.app/post/diagnostik-itemanalyse/

2023

#### Exploratorische Faktorenanalyse

Schnatz, J. L., & Farugie, A. (2023, January 24). *Exploratorische Faktorenanalyse: Exploratorische Faktorenanalyse* [Tutorial]. Testtheorie und Testkonstruktions Seminar, Goethe-University, Frankfurt. https://pandar.netlify.app/post/diagnostik-efa/