Rishika Devgon

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EDUCATION

Vrije Universiteit Amsterdam — Amsterdam, NL
Master of Science in Neuroscience — Sep 2021-Present
Related Courses: Advanced Clinical Neuroscience,Neuro and Psycho Pharmacology

Amity University — Noida, IN
Bachelor of Science(Hons.) in Neuroscience — July 2021
Related Courses: Neuroanatomy, Developmental Neuroscience, Neuropsychology

TECHNICAL KNOWLEDGE

Coding Languages: Python, R, MATLAB.
Data: EEG Data, MEG Data.
Certifications: Udemy:- Artificial Neural Networks and Deep Learning, Neural Networks in Python from Scratch: Complete guide , The Complete MATLAB Mastery - From a Beginner to an Expert, Good Clinical Practice ICH-GCP for Clinical Research.
Coursera:- Science Communication: Communicating Trustworthy Information in Digital World (Erasmus University Rotterdam).
Tools: MS Office and Google Workspace

WORK EXPERIENCE

Amsterdam UMC — Amsterdam, NL
Intern — Feb 2022 – Oct 2022
- Analyzed MEG scans from Multiple Sclerosis patients to understand the effect of cognitive rehabilitation on them.
- Prepared raw scans for analyzes and performed extensive data analysis through R
- Applied research or simulation results to extend biological theory or recommend new research projects.
- Prepared tables and graphs to present clinical data or results.
- Programmed code to analyze data using statistical analysis software R.

IndoGulf Hospital & Diagnostics — Noida,IN
Intern — Mar 2021 - Apr 2021
- Shadowed Dr Navdeep Kumar during his patient appointments.
- Participated in diagnostic techniques for neurological disorders.
- Got insight regarding how to read neuroimaging results.
- Performed literary research and submitted a report on Diagnostic techniques of Neurodegeneration disorders.

Samvedna Institute for Special Children — New Delhi, IN
Intern — Aug 2020 - Nov 2020
- Learning the different therapies and treatments provided to children with disorders such as Autism, OCD, ADHD.
- Conduct research to improve diagnostic and therapeutic counseling techniques.
- Worked with the instructor team to organize webinars regarding neurological and psychiatric disorders.
- Analyze data such as interview notes, test results, and reference manuals to identify symptoms and diagnose the nature of clients' problems.

PROJECTS

- Performed data analysis via NBT and MATLAB. Presented findings with a scientific poster on 'Meditation Induced Heart Rate Variability linked to β-band in Detrended Fluctuation Analysis'.
- Co-wrote and presented a thesis on 'Epilepsy and KRM-II-81: Investigating a novel drug'
- Composed an article for VU-Sci Magazine on Individuality in Scientific research.

Volunteer

International Student Ambassador Vrije Universiteit Amsterdam — Oct 2021 - Oct 2022
- Communication with prospective students and support by providing information about courses and available scholarships.
- Handling of inquiries through Q&A sessions and chats.

Languages Known

- **English:** Proficiency
- **Hindi:** Native
- **Dutch:** Elementary
- **French:** Intermediate