T ANYA
G ANDHI

PhD, Neuroscience and Comparative Biomedical Sciences

CONTACT

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WORK EXPERIENCE

Postdoctoral Research Fellow | 2023
Sunnybrook Health Sciences Centre, Toronto, ON

- Contributed to advancements in neuropsychiatric disorders research
- Collaborated on project design, enhancing team communication
- Improved efficiency by addressing challenges in the project proposal and streamlining methodology

Graduate Research Assistant | 2016-2022
Louisiana State University, Baton Rouge, LA, US

- Led the design, implementation, data collection, analysis, interpretation of findings, and presentation of behavioral and neuroanatomical research studies on autism spectrum disorders
- Collaborated with a multidisciplinary team, ensuring timely project goals, refining methodology through effective communication, and critical analysis of literature
- Contributed innovative ideas for research publications
- Successfully translated creative research ideas into project proposals, securing additional funding
- Supervised and mentored undergraduate students

EDUCATION

Google UX Design Professional Certificate | 2024
Coursera, *online*

- Completed rigorous UX design training, developing skills in user experience design methodologies and practices
- Modules covered essential topics like UX research fundamentals, inclusive design, wireframing, low-fidelity and high-fidelity prototypes, and design tools
- Applied theoretical knowledge through hands-on projects and developed a portfolio highlighting proficiency in user experience design with two key projects

PhD in Comparative Biomedical Sciences | 2022
Louisiana State University, Baton Rouge, LA, US (GPA: 3.9/4.0)

- Recipient of multiple awards, including Dissertation Year Fellowship for academic excellence (Top 8 in University)

MSc (Honors) in Biochemistry | 2015
BSc (Honors) in Biochemistry | 2013
Panjab University, India (GPA: 3.6/4.0)

- Awarded Merit Certificate for academic excellence

PROFILE

- Neuroscience PhD evolving into UX design and research
- Academic research on autism, exploring behavioral and neurological aspects, utilized diverse research techniques and statistical approaches
- 8+ years of experience in research, project design, management, data analysis, writing, and editing
- 15+ conference presentations
- 5+ journal publications

SKILLS

Research Design
Usability studies
Experiments
Literature and peer reviews
Proposal writing
Presentations

Statistical Analysis
Hypothesis testing
Data visualization
Analysis of variance
Power analysis

Software
Figma
Adobe XD
Microsoft Office
Basic Rhinoceros 3D
Basic HTML/CSS
GraphPad Prism
G*Power
Basic JMP Pro
AnyMaze video tracking
ImageJ

Essentials
Problem solving
Critical thinking
Attention to detail
Communication skills
Team collaboration
Organizational skills