Suvadeep MUKHERJEE

Research & Development Specialist

suvadeep.mukherjee@uni.lu | www.uxrsuvo.com | www.linkedin.com/in/svdpmukherjee

Career Objectives

- Aspiring Research & Development Specialist blending behavioral research, data science and technical expertise to design, build and evaluate human-centered digital solutions
- Passionate about leveraging state-of-the-art technology to create impactful digital innovations that prioritize user experience

Education

PhD (in progress) in Human-Computer Interaction, University of Luxembourg

2021 Nov - 2025 Aug (Tentative), Belval, Luxembourg

- Researching on user-centered solutions to prevent cheating in remote computer-based exams, tackling an EdTech challenge by balancing exam security with students' privacy and well-being
- Published in top-tier journals and conferences, my work integrates behavioral research, prototyping and statistical analysis to create innovative solutions for secure remote assessments

MSc in Human-Technology Interaction, Eindhoven University of Technology

2014 - 2016, Eindhoven, The Netherlands

Experience

Data Analyst at Sterlite EdIndia Foundation

2021 May - 2021 Oct, Mumbai, India

- Worked on data analytics frameworks to track educational outcomes and collaborated with Govt. stakeholders to deliver data-driven strategies for improving school performance in India

User Experience Research Intern at Signify N.V. (formerly Philips Lighting)

2016 Jan - 2016 Oct, Eindhoven, The Netherlands

- Conducted user research on color perception in smart lighting, designed experimental studies for interface evaluation, and developed prototypes to test solutions

Senior Software Engineer at Infosys Limited

2011 - 2014, BBSR, India

- Led development teams in maintaining enterprise applications for the Finance and Banking sector, managing client relationships and project deliverables with American Express

References

- Prof. Pedro Cardoso-Leite, University of Luxembourg, pedro.cardosoleite@uni.lu
- Dr. Björn Rohles, UX Training Manager, Digital Learning Hub, info@rohles.net

Skills

Development

- Full-stack applications
- AI integration

Research

- Hypothesis development
- Survey design
- Focus group, Interviews
- Scientific writing

Design

- UX strategy
- User flows
- Information architecture
- Wireframes and Prototypes

Data Analysis

- Advanced statistical methods
- Thematic analysis

Tools

Development

- React JS, Tailwind CSS
- Python, FastAPI, MongoDB
- Git, Docker, AWS

Research & Design

- Lime Survey, Figma, Miro

Data Analysis

- Python, R, STATA, MAXQDA

AI Solutions

- LangChain, HuggingFace
- CrewAI

Languages

English (Proficient) | German (A2) | French (Beginner)