NIYATI ROY CHOWDHURY

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SUMMARY

- Objective: Seeking UX designer position in esteemed organization.
- Hands on experience with gathering user requirement with speciality in user interviews with critical incidence technique and field study.
- Experience with low and high fidelity mock ups, personas, user scenarios, wireframes, storyboards, prototypes and visual design.
- Working familiarity with HTML, CSS, Javascript, python, Nodejs, Node-webkit.
- Previous experience of working with highly complex wall-sized display environment.
- Because of my diverse background in Human-computer interaction, Cognitive science and Medicine, I feel equally comfortable in understanding user requirements, forming the mental models and designing prototypes based on the gathered stories.
- I am very motivated to come up with new ideas and motivate others to communicate their ideas.
- I keep myself updated by reading the recent research articles published in top conferences such as CHI.

SKILLS

Gathering user requirements	User Research	User interviews and field study
User Stories	Grounded theory approach	critical incident technique
Storyboarding	prototyping	User-centered Design
Wireframes	Illustrator	Photoshop
JavaScript	Node.js	Basic HTML
Python	Qualitative Research	wall-sized display environment
3D Printing	interactive 3D printed models	Direct/Indirect interaction technique

EDUCATION

Université Paris Sud (Paris XI)   2014 - 2015
Research masters in Human-Computer interaction , Computer Science

University of Trento   2011 - 2013
Masters in cognitive science , Cognitive Science

Maharashtra University of Health Sciences   2003 - 2009
Bachelor in Homoeopathic Medicine and Surgery , Medicine

EXPERIENCE

Inria
UX design research Intern

03 / 2015 - Present

- Project 1: BrainTwister a Novel brain image analysis tool. My role in this project was to conduct field study interviews, gather user stories, create storyboard, categorize stories based on grounded theory approach, create low fidelity prototype, create software prototype and conduct evaluation. My achievements in the project: I created a novel brain image analysis tool BrainTwister in wall-sized display environment with two direct manipulation and one indirect manipulation interaction styles based on the user stories. I created 3D printed interactive brain model to interact with highly complex data.
- Project 2: Designing a tool with using iPad tablet sensors (accelerometer and gyroscope) as an input pointing device to communicate with wall-sized display as an alternative to expensive VICON motion tracker.

Inria
Research Assistant

04 / 2014 - 09 / 2014

Project: Interactive Brain Visualization. My role in this project was, gathering user requirement from Neuroscientists to design a novel interactive tool for neuroscientists.Working closely with Neuroscientists to understand the current work practices. Communicating the requirements with technical team.

Elance-oDesk
Freelance Medical Writer

09 / 2013 - 04 / 2014

I worked as a freelance medical writer on Elance.com with various companies around the globe.

Hospital of S. Maria del Carmine, Rovereto, Italy
Cognitive science research intern

02 / 2013 - 09 / 2013

Project: Diffusion Tensor Imaging Study of the Auditory Pathways in Sensorineaural Hearing Loss. The result of this project was published in the neuroradiology journal, 27th congresso nazionale (AINR), Italy, September 2013, as a poster.

EAI - European Alliance for Innovation
Junior team member

03 / 2011 - 08 / 2011

My role as a junior team member of a publication house was to register authors for camera ready submissions in various conferences.

Jivdani medical trust
General medical doctor

02 / 2009 - 01 / 2011

As a general medical doctor in this non profit organization, my role was to examine, diagnose and provide appropriate treatment for free to the patients with low economic conditions. As a head doctor of the team I led a team of 2 nurses, 1 ward boy and one helper.

LANGUAGES

English (Native or bilingual proficiency)   French (Elementary proficiency)   Italian (Elementary proficiency)

Hindi (Native or bilingual proficiency)   Bengali (Native or bilingual proficiency)   Gujarati (Native or bilingual proficiency)