SANA SHARMA

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www.sanasharma.com

EDUCATION

August 2010 - May 2014
Yale University, New Haven CT
B.A. Architecture (Design concentration), Cumulative GPA: 3.67

August 2006 - May 2010
Winsor School, Boston MA
AP Scholar, National Merit Finalist, Cumulative GPA: 3.7

EXPERIENCE

Aug 2017 - Present
Emerging Technologies Experiences, IBM Research, Cambridge MA
UX Design

Designs experiences that engage and educate people on the capabilities of quantum computing at IBM Research. Works with quantum researchers and developers to create platforms and tools for learning, developing, and running quantum algorithms on IBM's open source quantum hardware.

July 2016 - Aug 2017
IBM Watson Health, Cambridge MA
Design Research / UX Design

Developed personas, journey maps, and wireframes for Watson for Patient Safety, a cognitive healthcare application developed by Watson Health. Conducted contextual interviews and research sessions with over 80 users and stakeholders, spanning 4 companies and 5 countries. Facilitated AI + design workshops for clinicans and data scientists, and presented work to clients during on-site visits.

Nov 2015 - May 2016
Prometheus Research, New Haven CT
UX Design

Conducted user research to define interaction patterns and navigational structure for Prometheus' medical database applications, based on their users' needs. Collaborated with product teams to test existing software, and developed wireframes and coded prototypes to reflect testing outcomes. Worked with development team to implement final UX/UI patterns in production software.

June 2014 - August 2015
Yale Center for Engineering Innovation & Design (CEID), New Haven CT
Design Fellow

Led engineering project teams as a Teaching Assistant for two CEID courses, "Medical Device Design and Innovation" and "Appropriate Technology for the Developing World." Conducted Design Thinking workshops for diverse groups and led tours of the CEID studio and workspaces. Was responsible for the design and content of the CEID's website, ceid.yale.edu.

July 2008 - August 2010
Harvard-Smithsonian Center for Astrophysics (CfA), Cambridge MA
Research Internship / WorldWide Telescope Ambassador

Interviewed astrophysicists at the CfA to develop scripts and interactive tours on exoplanets and star formation, hosted in the online observatory platform World-Wide Telescope, which have been viewed hundreds of times to date.

SKILLS

+ UX Design
+ User Research
+ Sketch
+ Adobe CS
+ 3D Modelling
+ 3D Printing
+ Laser Cutting
+ Hardware Prototyping
+ Public Speaking
+ Singing

LANGUAGES

+ English (fluent)
+ Spanish (conversational)
+ Hindi (conversational)
+ Javascript
+ HTML/CSS

COURSES

+ Architecture (3 yr studio)
+ Mechanical Design
+ Design & the Developing World
+ Intensive Introductory Physics
+ Quantum Mechanics
+ Materials Science
+ Energy Environment & Building