PRATITI SARKAR

26, Female, Single

DOB: 07 May 1993
Department: IDC School of Design, IIT Bombay
Email: pratiti@iitb.ac.in, pratitisarkar07@gmail.com
Contact: +91-9628579959

EDUCATION

Institute	Qualifications	Percentage	Year
Indian Institute of Technology Bombay (IITB)	Doctor of Philosophy	9.11/10 (CPI)	2017 - Present
Indian Institute of Technology Kanpur (IITK)	Master of Design	9.25/10 (CPI)	2015 - 2017
Indraprastha Institute of Information Technology Delhi (IIITD)	B.Tech (Computer Science Engineering)	8.26/10 (CGPA)	2011 - 2015
Bal Bharati Public School, Ganga Ram Hospital Marg, New Delhi	All India Senior School Certificate Examination (CBSE)	83.20%	2011
Bal Bharati Public School, Ganga Ram Hospital Marg, New Delhi	All India Secondary School Examination (CBSE)	91.80%	2009

INTERNSHIP

Industrial (Siemens, Bangalore)

User Experience (UX) Design Intern (Jun'16 – Sep'16)
- Integrated seamless experience in Industrial workflow through Smartwatch.
- Developed concepts and design to provide modern day experience
to software architects

Industrial (DDA)

Systems Dept. Intern | ASP .Net Training (May'14 – July'14)
Integration of payment gateway to the web site of Delhi Development
Authority (DDA) and other issues related to programming of ASP .Net

Research (IIITD)

Automated Component Assignment for Bug Reports (May'13 – July'13)
Mining Software Repositories using Java programming and
Bugzilla Issue Tracking System for Mozilla

SKILLS

Expertise Area
Augmented Reality, Virtual Reality, Interaction Design, User Experience, Visual Communication, Web Development, Android Application

Research Methods
Interview, Focus Groups, Card Sorting, Heuristic Evaluation, Contextual Inquiry, Affinity Mapping, Grounded Theory

Programming
HTML5, CSS3, C#, ASP .Net, C, Java, Python

Tools and Technologies
Unity, Processing, Audacity, Net Beans, Android Studio, MATLAB
Adobe: Photoshop, Illustrator, Premiere Pro, InDesign, After Effects
Autodesk: 3ds MAX, Maya, Auto CAD

PATENT AND COPYRIGHT

Multicolor Interchangeable Flaps and Convertible Form of Bag | **Patent**
   Application Number: 201611023368

2 Shades: A Collaborative/Cooperative Board Game | **Copyright**
   Application Number: 8827/2017-CO/L

PUBLICATIONS

Collaborative Approaches to Problem-Solving on Line and Angles using Augmented Reality
   International Conference on Technology for Education (T4E 2019) | IEEE

Study of Augmented Reality Interaction Mediums towards Collaboratively Solving Open-Ended Problem
   27th International Conference on Computers in Education 2019 (ICCE 2019) | APSCE

User Expectations of Augmented Reality Experience in Indian School Education
   ICoRD 2019 | Springer, Singapore

ScholAR: A Collaborative Learning Experience for rural schools using Augmented Reality Application
   International Conference on Technology for Education (T4E 2018) | IEEE

GeoSolvAR: Augmented Reality based Application for Mental Rotation
   International Conference on Technology for Education (T4E 2018) | IEEE

DyMAR - Introduction to Dynamic Marker based Augmented Reality using Smartwatch
   Salento AVR 2017 | Springer, Cham

Augmented Learning Experience for School Education
   Encyclopedia of Computer Graphics and Games 2017 | Springer International Publishing

GO – A Persuasive Mobile Application For Indian Driving Scenario
   IJAERD Volume 04, Issue 01, January 2017

Augmented Reality Based Integrated Intelligent Maintenance System for Production Line
   IHCI 2016: Proceedings of the 8th Indian Conference on Human Computer Interaction | ACM

ACHIEVEMENTS

Best AURAA	Academic Unit Representative of Academic Unit (AURAA), Post Graduate Academic Council, IIT Bombay (2018-2019)
Gold Medalist	Best All Rounder Girl Student of Two Year Master's Programme (M.Tech/MBA/M.Des), IIT Kanpur, 2017
Second Prize	Honeywell Aerospace Design Challenge 2016
Design Nominee	Post Graduate Academic Council, IIT Bombay (2019-2020)
Student Representative	DPGC, Design Programme, IITK (2016 – 2017)
Manager	Design and Media, iMpressions 2016, IITK PG Fest
Leader	Animation Hobby Group, Films and Media Council, IITK (2016-17)
Organizing Committee Member	Research Scholar Day 2017, Design Programme, IITK
Senior Executive Designer	Techkriti 2017, IITK
Exhibitor	CII-India Design Show 2017