

Mehul Agrawal

User-Experience Designer

Proficient in User-Centered Design process with understanding of User Interface Design and Frontend Development. Specializing in interaction design and rapid prototyping.

professional experience

Associate Instructor - Indiana University (Aug'15 - Present)

Working as an associate instructor for undergrad course I300 HCI/Interaction Design

Associate - Cognizant (July'14 - May'15)

Designed and prototyped team management products offered by cognizant for better efficiency and experience. User base of the product varied from employees of cognizant to higher management of other companies.

Industry Collaboration - Microsoft (Feb - July'14)

Design a tablet application to enhance the Inking experience for tablets by fostering improved content creation and management.

Visiting Scholar - KU Leuven, Belgium (May - July'13)

Employed User Centered Methodology to conceptualize and prototype a user-friendly product based on Skweezee technology.

recent projects

Forums as personalized news-source (Sept'15 - Oct'15)

Redesigned home page of forums such that forums act as crowd-source news for the enthusiasts and expert users of forums.

Re-Designing Uber Rating System (Sept'15 - Present)

Working on over-hauling uber rating system to counter the effects of biases created in existing 5-star rating system.

Cabage: Translating cab-sharing to information system (July'12 - Nov'12)

Translating the physical world experiences of cab-sharing in web environment using a user centered design approach.

ChemicAble: Tangible Interaction Approach for Teaching Chemical Bonding (Jan'13 - April'13)

Designed and developed an exercise tool to facilitate understanding of ionic bonding among school students (grade 8 to 10) by promoting exploration and fun.

Let's Teach: Incorporating Collaboration to Foster Voluntary Teaching (July'12 - Nov'12)

Following user centric approach, we proposed collaboration as a potential solution to foster voluntary teaching. A web based platform was designed to support collaboration among voluntary teachers.

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education

MS-HCI/d, (2017 - expected)

Informatics and Computing,
Indiana University

B.Des (2014)

Indian Institute of Technology,
(IIT) Guwahati, India

core competencies

Interaction Design
User Study
Storyboard
Storytelling
Persona
Information Architecture
Wire-framing & Mockups
Card Sorting
Competitive Analysis
Branding & Communication
Rapid Prototyping
Usability Evaluation
Stop-motion
Photography
Tangible Interfaces
Physical Computing
Gesture Design
Design Thinking

software knowledge

Adobe Illustrator
Adobe Photoshop
Adobe Dreamweaver
Balsamiq Mockups
Google Sketch up
Just in Mind
Sketch
Flash

programming knowledge

HTML/CSS
Processing [Java based]
Python/C
Arduino
PHP

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publications

Agrawal, M., Abeele, V. V., Vanderloock, K., & Geurts, L. (2015). Skwee-zee-Mote: A Case-Study of a Gesture-Based Tangible Product Design for a Television Remote Control. In ICoRD'15—Research into Design Across Boundaries Volume 2 (pp. 409-419). Springer India.

Agrawal, M., Jain, M., Luthra, V., Thariyan, A., & Sorathia, K. (2013, September). ChemicAble: Tangible Interaction Approach for learning Chemical Bonding. In Proceedings of the 11th Asia Pacific Conference on Computer Human Interaction (pp. 416-421). ACM.

Bansal, H., Agrawal, M., & Sorathia, K. (2013). Incorporating Collaboration to Foster Voluntary Teaching", in workshop on Intelligent User interfaces for Developing Regions (IUIDR), International Conference on Intelligent User Interfaces (IUI 2013).

Agrawal, M., Amrit, M., Jain, M., Bansal, H., & Krishna, A. (2013, November). Threading centric approach towards email client. In Proceedings of the 25th Australian Computer-Human Interaction Conference: Augmentation, Application, Innovation, Collaboration (pp. 413-414). ACM.

leadership roles

Branding (Design) Core team member Techniche 2012

Designed and published branding material for the annual techno-management fest of the university, IIT Guwahati, India.

awards and achievements

Second Runner-up at 24-hour Student Design Challenge at OzCHI 2013 held at Adelaide, Australia. We proposed a solution based on tagging, threading and visualization techniques to make the email system much more organized and effective.

Bagged third prize at Overnight Hackathon at Inter hostel technical festival, IIT wherein we designed a college event tracker that allow students to easily create and manage events.

Bagged numerous titles across Movie making, Astro Design and Green advertisement competitions at Kriti'11, Inter hostel technical festival, IIT Guwahati.

education

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B.Des (2014)
Indian Institute of Technology,
(IIT) Guwahati, India

professional development

Magical Interfaces

at Design Innovation workshop by MIT Media Labs in 2014

Online Courses

Successfully completed online courses- Human-Computer Interaction, Learn to Program (Python) and Design Kit: Course for Human Centered Design (by IDEO)

Skytech Labs Workshop

Attended a workshop based on concepts, design and building IR Sensors by Skytechlabs.