Harmeet Singh

Gender: Male; **DOB:** 16 December 1994

B. Des (Design)

Pre-Final year student

Department of Design

Indian Institute of Technology Guwahati

s.harmeet@iitg.ernet.in

harmeet4855@gmail.com

+91-9706-953531

http://harmeet4855.github.io/

Educational Qualifications:

Cumulative Performance Index: 7.84

Semester Performance Index (4th semester): 8.83

12th (Board of Intermediate Education, CBSE): 94.6%

10th (CBSE): 9.8

Areas of Interest:

User Experience, Human Computer Interaction, Web Development, Design Innovation, Ambient Intelligence, Data Visualization, Internet of things

Work Experiences:

Software Development Intern: Sigmoid, Bangalore

Manager: Mr. Asit Parija, Technical Manager

Duration: May' 15 to July' 15

Project Domain: Front-End Web Development, User experience, Interaction Design

Brief: Work done on a use-case SigCloud, which caters to providing packages of big data services on cluster of machines/nodes launched by a client on cloud network, also providing them with monitoring & management services. Work involved identifying goals, competitive analysis, user study, information architecture, wireframes, icons, development of the front-end of whole service and real-time updating of monitoring services.

Projects:

PROJECT NAME: OZCHI'15 – Beating Social Isolation (Aug'15)

Keywords: Social Isolation, Social Anxiety, Airport, Smart Tags

Brief: 24hr Design Challenge to come up with a design solution to problem of social isolation in a scenario of choice, solution was proposed for making airports experience more friendly and social by bringing people closer and making them interact with each other. Work involved literature study, searching scenarios, filtering them, picking a scenario and brainstorming over possible solutions, making personas, coming up with mental models and final prototypes.

PROJECT NAME: Chat.io – Group Chatroom for appliances (Ongoing)

Keywords: Chatrooms, Dashboards, Asynchronous, Automatization

Brief: Self-initiated project for making a chatroom in initial phase, which has the utility to have a group chat for a discussion along with dashboards carrying features like most active people and other visualizations.

The future phase of project proposes to bring in home appliances instead of users which will talk to each other to bring ease and efficiency in human day-to-day working using predictive analytics. The development is being done using Nodes.js and its framework express.js, d3.js for visualization, socket.io.js and angular.js, for the web part and frameworks like Cylon.js, Johny-five.js for Arduino part etc.

PROJECT NAME: FLEX FLIGHTS (Jan'15-April'15)
Keywords: Flights, Dynamic Fares, Booking Models
Brief: In-depth analysis for the need of a flexible date booking model for flights assuming dynamic flight fares. Work involved primarily quantitative research into the problems faced and the state of art, further data visualization was used for a clear visual representation of data collected from questionnaire responses and several conclusions were made based on these visualizations pointing to the need of a flexible date booking model.

PROJECT NAME: Techniche'15 Website - Front-end / Responsive Web Design (Feb'15)
Keywords: Events, Modules, Sponsors
Brief: Wire-framed the mobile and bigger screen versions of the website including proper Information architecture, laid out the UI designs and finally implemented the UI by developing the website.

Publications:

- **"Smart tags to increase interactions at airports":** Accepted to be part of the USB Proceedings, OzCHI'15, International Design Conference.

Skills:

Design Skills: Heuristic Evaluation, Usability Evaluation, Information Analysis, Rapid Prototyping, Brainstorming, User interview planning, Design thinking, Design research, Competitive analysis, Information Architecture, Wire framing, Low and high fidelity prototyping, Visual design.
Software: Adobe Photoshop, Adobe Illustrator, Adobe Dreamweaver (Basics), Adobe After Effects (Basics), Balsamiq Mockups, Intellij Idea IDE, Git, Sublime Text, Microsoft Office, SolidWorks, Autodesk Alias Autostudio
Programming: HTML, CSS, Twitter Bootstrap, Javascript, Jquery, D3.js, Angular.js, Node.js (basics), C (basics)
Operating Systems: Windows

Achievements and Co-curricular:

- **OZCHI'15:** Selected in top 6 teams (Research paper accepted to be presented at OZCHI'15 Conference to be held at Melbourne, Australia) in 24hr Design Challenge held internationally.

- **Macmillan IAIS Assessments:** Achieved Distinction and Credit in Maths.

- **Chess:** Selected in Chess Nationals two times for U-14 and U-19 categories.

Positions of Responsibility:

- Techniche'15 - Core Team, Brand Communication & Creatives
- Core team member of Design Tree
- Udgam'15 - Core Team, Branding
- Finance & Economics Club Team member

Other interests:

Poetry Writing, Travelling & trying out different cuisines

Languages:

English, Hindi & Punjabi