ARPIT MATHUR

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EDUCATION

IIT Guwahati
Bachelor of Design

Minor in Mathematics

CPI - 8.21 (as of 6 semesters)

DPS Pune
High School

CGPA Class X - 10.00
Boards Class XII - 94.4%

SKILLS

Design Methods
Affinity Diagramming
Competitive Analysis
Contextual Inquiry
Data Visualization
Ethnography
Information Architecture
Heuristic Evaluation
Usability Evaluation
User Research
Visual Design
Wireframing

Design Tools
Adobe Creative Suite
Sketch
Figma
Balsamiq
Invision
Blender
Unity
MS Office

Programming
C/C++
Python
HTML/CSS
JavaScript (Angular, Node, React)
Arduino
Processing

CO-CURRICULAR

Pos. of Responsibilty
Secretary, Coding Club, IIT Guwahati

Chief Organizer, TechExpo - IIT Guwahati's annual technical project exhibition

EXPERIENCE

SAS RnD - UX Design Summer Internship   *May'18 - July'18*
Applied User Centered Design methods in order to conceptualize Machine Learning paradigms that can help achieve user goals for SAS Credit Scoring Tool, in the banking domain.

UE-HCI lab - IxD Winter Internship   *Dec '18*
Worked as a Winter Intern on ChargeIt - a mobile application for electrical vehicle health monitoring and battery management. Conducted user study to identify user needs, and prototyped a mobile application as a solution.

Quizential - UX Design Summer Internship   *May'17 - Jul'17*
Worked as a summer internship, and got to work in the Education Technology paradigm for their upcoming knowledge network platform. Conducted a competition analysis, and conceptualized the platforms mentoring feature.

PROJECTS

Swasthyaa - Bachlor Thesis Project   *Aug '18 (Ongoing)*
An ICT based solution designed to facilitate the health workers of Assam in monitoring the DOTS treatment undertaken by TB patients. The initiative is undertaken by the Embedded Interactions Lab, IITG and the Government of Assam. My role in the year long project is to conceptualize patient-facing solutions to improve adherence to treatment.

WordTutor - Interdisciplinary Design Project   *Aug - Nov '18*
A Voice User Interface in order to provide instruction for English Vocabulary to non-native English speakers. The project was prepared as part of a submission for the Student Design Consortium in the IndiaHCI Conference 2018.

FITBrain - Instructional Design   *Jan'18 - Apr'18*
An instructional mobile application, that delivers relevant yoga instruction, and tracks mental health development among patients suffering from or at risk of developing Alzheimer's disease.

ChargeIt - Interaction Design   *Dec '18*
Worked as a Winter Intern at India's pioneering lab of Usability Engineering and HCI, in IIT Guwahati. Worked on ChargeIt - a mobile application for electrical vehicle health monitoring and battery management.

ACHIEVEMENTS

IndiaHCI 2018 - Student Design Consortium   *2018*
Selected for the Human Computer Interaction conference along the theme "Behind and Beyond the Screen". Will get the opportunity to present WordTutor at the conference in December 2018, in Bangalore, India.

Joint Entrance Examination   *2015*
Secured an All India Rank of 5054 among 0.15 million candidates appearing for the examination.

Technothlon Silver Certificate   *2012*
Received a silver certificate for securing an All India Rank of 176 at Technothlon 2012, the largest student organized International School Championship.