

Personal Information

Date of Birth : 9th April, 1984
Nationality : Indian
Current Address : Room No. 168, Hostel Dihing, IIT Guwahati,
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Permanent Address : MIG 9, New Housing Board Colony,
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Contact No. : (+91) 99542-48774
Languages : Hindi (S/R/W), English (S/R/W)

Academic Information

Institution : Indian Institute of Technology Guwahati
Degree : B.Des. (Bachelor of Design)
Qualifications : Completed 7 semesters of the course, Major in Communication Design
CPI : 7.55 / 10
Expected Graduation : May, 2007
Schooling : Senior School - Central Board of Secondary Education (CBSE) India, 82%
Secondary School - CBSE India, 80%

Skills and Proficiencies

Programming Languages : Proficient - C/C++, HTML, VRML 2, UML, Flash Action Script
Familiarity/Learning - JavaScript, JAVA
Software : Macromedia Dreamweaver (MX 2004), Flash (MX 2004), Adobe Illustrator,
Photoshop, Visual Studio 6, Solid Works 2000/1, MS Office etc
Operating System : Microsoft (98, 2K, XP), Mac OS, DOS

Career Interests

Information Systems: Analysis and Design
Web Applications and Products
Speech-Interaction, Applications and Products
Usability Engineering & HCI
Interaction/Experience Design
Tangible Interface

Major Courses

: System Analysis and Design	Usability Engineering & HCI
Experience/Environment Design	Information Systems
Animation Techniques	Design Methodology
Corporate Identity	Communication Theory
Human Factors	Product Design and Prototyping
Design Management	Graphic Reproduction Techniques
Photography and Videography	
Object Oriented Programming and Data Structures in C++	
Basic Computing (C)	Pttern Classification (comp. science)
Cognitive Psychology	Consumer Behaviour
Monetary Economics	Basic Sciences (PCM)
Engineering Mechanics	Basic Engineering Electronics

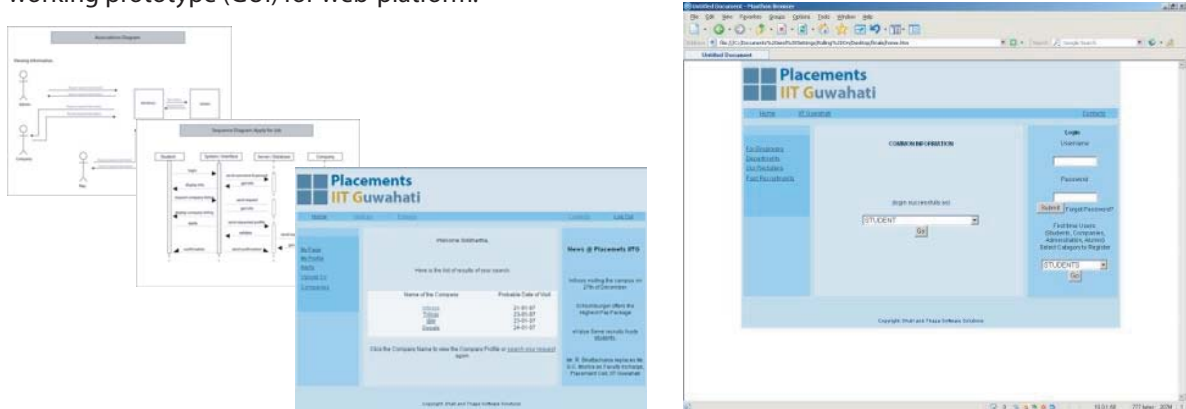
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Information System Design

“On-line Information System” - for Placement Cell at IIT Guwahati

Keywords: System Design, Cognitive Modeling

The aim was to propose and design an online information system to replace the old static system of notice boards, to ensure effective online communication and a common platform for availing necessary information. System was optimized using Object Oriented Modeling techniques like Use Case Diagrams, Interaction Diagrams, Activity Flowcharts, and Class Diagrams to develop the working prototype (GUI) for web-platform.



Interactive Voice Systems

“Developing Intelligent Speech Based Devices” - B.Des. degree project at IIT Guwahati

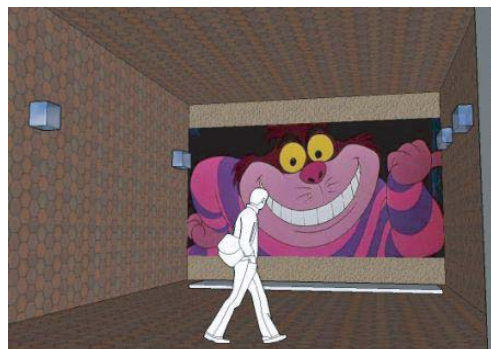
Keywords: Auditory Interfaces, Spoken Dialogue Systems

The project aim is to develop a device to enable a user (human) to talk interactively with it. The project requires developing an intelligent Human-Machine conversation system that can process the natural language of the user and produce an intelligent response in form of speech. The work opens a new media of Human-Machine interaction.

“Conversation with Cheshire Cat - An Interactive storytelling”

Keywords: Storytelling, Immersive Environments, Speech Interaction

The project was about new explorations and proposal for an interactive story telling. A scene from the famous western book Alice’s Adventures in Wonderland’ by Lewis Carroll is taken for the analysis. The aim is to develop an interactive conversation of the user with a character from the story in form of a human-machine conversation to enhance the experience of story telling.



Virtual Reality

“Navigation in Virtual Reality for complex Work Environments”

Keywords: Usability Heuristics, VR, and Cognitive Modeling

In this project a 3D Virtual Model of the Academic Building in IIT Guwahati was built using VRML 2.0. The aim was to create a desktop immersive experience for the targeted user as academicians, students etc to help them navigate in the large building. The aim was to realize the usability of a virtual 3D map over convectional 2D navigation systems.



Website Design

Keywords: Information Architecture

1. Developed the website for clients “SeeInfobiz” (<http://www.seeinfobiz.com>) and “Epsilon Auto” (<http://www.epsilonauto.com>) while working for Reset Media during summer internship for June’05.
2. Web based information system for the Placement Cell at IIT Guwahati.
3. Developed the website to relive the ICC Cricket World Cup 2003, as part of course project.



Industrial Experience/Internships

- TU/e, The Netherlands : Served as a project member for the project ALICE, a confidential research project under Professor Matthias Rauterberg, funded by Microsoft Research Labs, Cambridge UK, at the Technical University of Eindhoven (TU/e), The Netherlands, working as a full time project member for this period, taking active part in both the design and implementation of the proposals.
- Duration 3 months
- Reset Media, Mumbai : Worked as a trainee web-developer at Reset India, Mumbai, being involved in direct client contact, and suggesting solutions. The work involved planning and implementation of web-development on the ground of client requirements. Developed the websites for clients SeeInfobyz "<http://www.seeinfobiz.com>", and Epsilon Auto Mumbai "<http://www.epsilonauto.com>" as final outcomes.
- Duration 6 weeks
- Bajaj Tempo Ltd., Indore : The purpose was to gain practical hands on knowledge of various types of manufacturing and assembly processes involved during automobile manufacturing. The plant is one of the major Utility and Transport Vehicle producers in the central India.
- Duration 2 weeks

Activities and Organization

- Sports : Regular member of the IIT Guwahati Cricket Team representing IIT Guwahati at the annual Inter IIT Sports Meet four times in a row
Represented Kendriya Vidyalaya Cricket Team at Zonal level in the Kendriya Vidyalaya Sangathan National Sports Meet at secondary school.
Served as Sports Secretary (Hostel Dihing) for 1 year at IITG.
- Event Coordination : Alcheringa 2006, the annual cultural festival of IIT Guwahati. Served as the 'Head - Publicity Team', being the core member of the organizing team.
Techniche 2004, the annual technical festival of IIT Guwahati. Served as the 'Core Member - Infrastructure Team'
- Event Organization : Alcheringa'05, Organized Mr. and Mrs. Alcheringa, the personality contest as one of the major event of the festival.

References

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