

# ADITI SINGH

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## OBJECTIVE

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To seek a challenging full-time position in the field of Human Computer Interaction with a specialization in interface design, interface evaluation and information visualization. To work on innovative and highly usable products.

## EDUCATION

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### GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, GA

*M.S. in Human Computer Interaction (Specialization – Computer Science)*

GPA: 3.7

2007 – spring 2009

*Minor in Management of Technology*

**Selected Courses:** Introduction to HCI, Principles of Research Design, Engineering Psychology, Prototyping Interactive Systems, UI Design and Evaluation, Business Process Analysis and Design, Managing Resources of Technological Firm, Organizational Innovation and Entrepreneur Behavior, Collaborative Product Development.

### DHIRUBHAI AMBANI INSTITUTE OF INFO. & COMM. TECH. (DAIICT)

Gandhinagar, India

*B.Tech in Information & Communication Technology*

GPA: 3.2

2003-2007

## EXPERIENCE/ PROJECTS

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### ADOBE SYSTEMS INC.

San Jose, CA

*Intern, Experience Design and Research*

2008

- Designed, conducted and analyzed user studies among creative professionals for Creative Suite 5 design concepts.

### GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, GA

*Research Assistant at the Human Factors and Aging Lab*

Jan 2008 - Present

- Designed and programmed user studies with a central focus on understanding age related differences.

*Masters Project at the Human Factors and Aging Lab*

Aug 2008 – Present

- User engagement with Robots: Understanding the constructs, designing the research experiment and running user studies on interactions between humans and virtual agents.

*Redesign of the Georgia Tech Campus Transportation Information System*

Aug-Dec 2008

- Designed a new Transportation Information System to make it more accessible to users – providing information that is most useful when they need it the most using a combination of displays.

*Usability testing for Problem Based Learning site*

Aug-Dec 2007

- Conducted heuristic evaluations and think aloud usability studies for a lounge that facilitates Collaborative Problem Based Learning for students.

*Physical therapy aid for leg amputees*

Aug-Dec 2007

- Developed and tested a new tool to facilitate physical therapy sessions both in the clinic as well as the home setting.

### INDIAN INSTITUTE OF TECHNOLOGY (IIT)

Mumbai, India

*B.Tech Project (5 months)*

2007

- Developed a new visualization for eye movement data specially geared towards evaluating interfaces.

### MIDDLESEX UNIVERSITY

London, UK

*Research Intern, Interaction Design Center (IDC) at the School of Computing Science*

2006

- Created interface visualizations for multilayered displays for people with lower information seeking skills. Conducted card sort studies and analyzed the data for the citizens of London collected over a period of 2 years.

### RELIANCE INFO-COM (India's largest Telecommunication Infrastructure Company)

Bangalore, India

*Industrial Intern (2 months)*

2005

- Worked at the Media Convergence Node on the practical aspects of telecommunication.

### GANDHI ASHRAM

Vedchhi, India

*Rural Intern (1 months)*

2004

- Developed an Access application to manage the resources of an old library in a remote part of rural India.

### BLIND PEOPLES' ASSOCIATION

Ahmedabad, India

- Developed a teaching aid for middle school visually challenged students in collaboration with DAIICT

2004

## SKILLS

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- Engineering:** Computer Algorithms, Discrete Mathematics, Linear Algebra, Engineering Design Principles
- Computer and UI:** C, C++, Java, Visual Basic, HTML, Unix, Windows, Excel, Solver, PowerPoint, Networking, SQL, Illustrator, Photoshop, Flash, FrontPage, Jython, InDesign.
- Project Management:** Successfully formulated and facilitated several design teams.

## ACTIVITIES AND INTERESTS

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- Member HCI Committee, Georgia Tech. Organized events for students including industry interactions
- Organized radio shows. Member core committee and Treasurer French Language Club DAIICT
- National Sailing Champion, India – Optimist class
- Interests: Drama, Salsa, travel, Swimming, Scuba, Badminton, Horse Riding, Rafting, Writing Poetry