Raunaq Gupta

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http://raunaqgupta.in

USER EXPERIENCE & RESEARCH

Contextual Enquiry
Affinity Diagramming
Activity Modelling
Surveys

User Personas
Storyboarding
Wireframing
Prototyping

Think Alouds
Heuristic Evaluation
Usability Testing

ILLUSTRATION TOOLS

Photoshop | Gimp
Illustrator | Inkscape
Latex | InDesign
Hammer Editor | Blender
Balsamiq

PROGRAMMING SKILLS

Python, Java, Processing
HTML5, Javascript, CSS3, NodeJS
MySQL, Oracle, SQL Server
Swing, QT, GTK
Git, Hg, Clearcase

ACTIVITIES

Certificate course in emotional psychology
Beginner level certificate in japanese
Jit Paul Scholarship award, 2003 - 2004

SMALL STUFF

Guitars
IRC Bots
Fractals
Arduinos

EDUCATION

Master of Human Computer Interaction *2012 - Current*
Carnegie Mellon University

User Centered Research, Computer Supported Cooperative Work, Making Things Interactive, Interaction Design

Bachelors in Computer Science *2005 - 2009*
Amity University, India

WORK EXPERIENCE

Software Engineer **Aricent Group** *April 2010 – July 2012*

- Worked as a principal software developer for FRC, a telephony routing and interactive voice response application deployed over major international communication networks.
- Part of the user interface group to create a web frontend for realtime management of the entire Intelligent Network deployment.
- Development experience in C++, Java and large scale database systems.

Software Engineer **CPA Global** *August 2009 – March 2010*

- Worked on FoundationIP: a patent portfolio management web application designed to bring legal experts and inventors into a composite platform.
- Worked on the database module and data migration automation tools.
- Development experience in Java and small to medium scale database systems.

Project Intern **GEE Limited** *Summer 2008*

- Worked on deploying a RFID-based system of smartcards and sensors across a production plant.
- Was responsible for researching and designing the smartcard application in card readers for the startup.

Project Intern **Amity University** *Summer 2007*

- Worked on AmityDB, a complete networked client-server based architecture system in Java to provide faculty with tools to manage schedules, student's information, and providing an online bulletin board system.
- Project leader responsible for application architecture.