raunaq.rg@gmail.com
http://raunaqgupta.in

RAUNAQ GUPTA

ILLUSTRATION TOOLS

Adobe Creative Suite
Gimp | Inkscape
Balsamiq | Axure
Hammer Editor | Blender

PROGRAMMING SKILLS

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

USER EXPERIENCE & RESEARCH

Contextual Enquiry
Affinity Diagramming
Activity Modelling
Storyboarding
Wireframing/Prototyping
Think Aloud Protocol
Heuristic Evaluation
Cultural Probes

ACTIVITIES

CHI'13 Student Design Competition Finalist
Certificate course in emotional psychology
Beginner level certificate in japanese
Jit Paul Scholarship award, 2003 - 2004

EDUCATION

Master of Human Computer Interaction *2012 - Dec 2013 (Expected)*
Carnegie Mellon University

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

WORK EXPERIENCE

Software Engineer Intern **IBM (Vivisimo)** *June 2013 – October 2013*

- Worked on front-end design and development for a big data clustering engine in an Agile setting.
- Utilized Javascript/CSS/Rails for development.
- Responsible for conducting usability testing with various stakeholders and quickly prototyping changes.

Research Assistant **University of Madeira** *Feb 2013 – Current*

- Worked on developing systems to log and analyze user behavior through multi-modal systems consisting of eye-trackers and brain computer interfaces.
- Creating and performing experiments utilizing eye-trackers to research and analyze computer systems.
- Prototyping and development in Python, HTML5

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.
- Development experience in Java and small to medium scale database systems.