

EDUCATION

University Of California, Berkeley

Master in Information Management & Systems
(May 2017)

Primary Focus: UX Research | Product Design &
Management | HCI | Applied Behavioral Economics

Secondary Focus: Information Visualization |
Data Analysis

Jaypee Institute of Information Technology (JIIT),
Noida, India

Bachelor of Technology in Computer Science

May 2012

Rank 29 out of 400

SKILLS

Research and Design

Contextual Inquiry | Interaction Design | A/B Testing |
Quantitative/ Qualitative methods | Persona Design |
Requirement Analysis | Applied Behavioral Economics

Programming and Development

C | C++ | Python | JAVA | HTML | JavaScript | R | C# | SQL

Leadership

Project Management | Managing QA/Testing Processes

Tools

HP Quality Centre | HP QTP | HP Load Runner | JIRA | Git

WORK EXPERIENCES

Software Engineer

October, 2012 - July, 2015

Accenture (Telus), India

- Led a team of 5 to deliver multiple QA initiatives for the consumer facing online sales Application
- Managed the client driven monthly releases which generated a revenue of \$1,000,000/month.
- Worked with client team to help research user needs and successfully identify design gaps.
- Author of whitepaper - How upcoming digital technologies can help the CMT industry enhance their customer experience by newer products and faster delivery.

Freelance Developer

July, 2012 - October, 2012

Nayi Disha Studio (Education Technology Start-Up)

- Worked on research and development of an efficient and robust algorithm using DTW to track and identify human gestures using Microsoft Kinect.

Product Design Intern

Summer, 2011

CareerInfoline, India

- Prototyped a web based JAVA application for local Furniture Stores in the NCR region, India.
- Conducted and led research of local store owners to understand current application design and usability limitations

Teaching Assistant

2011 - 2012

Department of CSE, JIIT

- Helped students learn basics of UNIX shell scripting and programming with GCC compiler along with basic OS concepts as part of UNIX/OS labs.

ACADEMIC PROJECTS

Contextual Inquiry |
Persona Creation |
Prototyping | User
Stories | JavaScript

Labor2Day, Meeting of the Minds Hackathon - 2015, Prototyped a text messaging based application to connect day laborers to jobs. Led the user experience research by carrying out contextual inquiry of day laborers in Richmond. Created multiple personas to drive our prototype design in Javascript.

Persona Design |
User Research | VR |
JavaScript

Happy2Help, Haas HackJam - 2015, designed a VR system to help create a job portal for tetraplegic patients. Worked on persona design and storyboarding for multiple users based on our user research. Worked on developing a VR prototype using Google Cardboard.

Contextual Inquiry |
Personas | Heuristic
Evaluation | A/B Testing
| Iterative Prototyping

PipPop, Contact exchange interactions in Social and Professional Settingd, used various user interface design methodologies, including, Contextual Inquiry, Iterative Lo-Fi Prototyping, Persona Design, Heuristic Evaluation and A/B Testing to design a Hi-Fi Prototype to enable a novel way to exchange contact information in professional and social settings.

Artificial Intelligence |
Text Analysis | Bayes
Classifier | OCR | C#

CLASSIFY, Text recognition and genre classification of text summaries from images, the research included the study of Naive Bayes Classifier as a supervised learning method to predict the genre of text summaries extracted from the images of multiple textbooks.

Image Processing |
Gesture Recognition |
Visual C++ | OpenCV

Gest-Ex, Applications using Hand Motion Detection via web cameras, project involved the optimization of gesture and hand movement detection using the Canny and Bounding box algorithm for edge and contour detection on the video obtained from the system camera.

AWARDS and EXTRACURRICULAR

Winner, Berkeley Haas HackJam - 2015 | 2nd Place, Meeting of the Minds Hackathon - 2015 | Oracle Certified J A V A Professional, Java SE 5/6 | Recipient, 'RCSM Award, 2007' for values of Caring and sharing | Active volunteer at the National Association for the Blind, Delhi, 2007 – 2008 | Taught illiterate children as part of National Literacy Mission 2002, 2003 | Accenture Stellar Awards 2013 Q3 - Rising Star | Guinness World Records, record holder for Microsoft largest App Development Marathon