PARV SONDHI

Creating Experiences

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EDUCATION

University Of California, Berkeley

Master in Information Management & Systems (May 2017)

Primary Focus: Product Design & Management | UX/UI Research | HCI
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 | AB Testing | Quantitative/ Qualitative methods | Persona Design | Requirement Analysis | Flash | After Effects | InDesign | Photoshop

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 succesfully 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
Summer, 2011

Department of CSE, JIIT
• Helped students learn basics of UNIX shell scripting and programming with GCC compiler along with basic OS conecpts as part of UNIX/OS labs.

RESEARCH PROJECTS

Skills	Project
Augmented Reality	LUA scripting	C#	GlovePIE	**G.E.A.R – Gest-Ex Augmented Reality, A Portable Multi Gesture Interactive Environment,** researched & implemented an algorithm u stereoscopic triangulation to convert 2D coordinates into 3D coordinates by tracking 4 IR points using 2 wiimotes to provide 6 DoF.
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.
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.
JAVA	Data Analysis	**PAT, PSP automation and analyzing software,** researched basic statistical approaches to help study the inputs of the students and provide a better analysis of the students progress across the course of a semester.
HTML	PHP	Javascript	Actionscript	Adobe Dreamweaver	Adobe Flash	**Comic Con (with Flash based Comic strip creating application),** designed and implmented a website for avid comic book readers. Special features include comic strip creation application, and web parser for search

AWARDS and EXTRACURRICULAR

Oracle Certified JA 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