PARV SONDHI

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EDUCATION

Jaypee Institute of Information Technology, Noida	Graduation: May 2012
B.Tech, Computer Science	Cumulative GPA 8.2/10 (Rank 29 out of 400)
Springdales School, New Delhi	Year of passing: 2008
XIIth (Physics, Chemistry, maths with Computer Science), CBSE	Percentage 89.75%
X[th], CBSE	Percentage 91%

TECHNICAL PROFICIENCIES

- High proficiency in C and C++
- High Experience with managing and executing processes part of QA/Testing
- Intermediate experience with C#, JAVA and development of Mobile applications
- Beginner experience with PHP, Objective-C, HTML and PL/SQL
- Experience with Design tools such as Flash, After Effects, Dreamweaver, Photoshop, Illustrator and Blender

WORK EXPERIENCE

Accenture, India   *Software Engineer* (24 months)

- Part of the Wire-line Billing Quality Assurance team for TELUS (Canada).
- Plan, prepare and execute test scripts to maintain the functioning of the entire Amdocs implemented billing system for the client.
- Currently manage and own QA initiative for Sales Application for Telus for wireline products.
- Working under an offshore – onshore model, currently am responsible for representing offshore Sales Application team to client.
- Have co-developed and successfully integrated the use of many Applications within TELUS to help streamline Data Mana
- Author of the whitepaper - How upcoming digital technologies can help the CMT industry enhance their customer experience by newer products and faster delivery

Nayi Disha Studio   *Freelance* (4 Months)

- Research Work on developing an efficient and robust algorithm using DTW to track and identify human gestures using Microsoft Kinect.
- Successfully implemented the algorithm in C# to allow for real time and efficient gesture recognition.

Careerinfoline, India   *Intern*   (2 Months)

- Worked on a web based application for a furniture store, using java (servlets, jsp, etc)
- Implemented separate modules for clients, employees, administrator and inventory management

Orange Business Service (Equant Network Services), India   *Intern*   (2 Months)

- Worked with the network solution design team, for clients such as, Dept. of Post, Govt. of India, HP Power Corp. Ltd., ONGC
- Studied and made presentation on development of M2M applications

Department of CSE, JIIT, Noida   *Teaching Assistant* (1 year)

- Taught basics of UNIX shell scripting and programming with GCC compiler as part of UNIX practical lab.
- Taught basics concepts of Operating Systems as part of OS practical lab.

PROJECTS

- *G.E.A.R – Gest-Ex Augmented Reality,* A Portable Multi Gesture Interactive Environment, designed an algorithm using stereoscopic triangulation to convert 2D coordinates into 3D coordinates and recognize user gestures and allow them to manipulate 3D objects in real time.
  Using, Nintendo Wii controllers, IR LED, C#, Glovepie, LUA scripting
- *Gest-Ex,* Applications using Hand Motion Detection via web cameras, used contour extraction to detect hands and use a bounding box algorithm to track the movement of the hand and use that in application such as drawing and manipulating images.
  Using, Visual C++, Open CV library (Visual Studio 2008)
- *CLASSIFY,* Text recognition and genre classification of text summaries from images, developed code using artificial intelligence techniques such as Bayesian Classification to classify text extracted from images using OCR and use it classify novels based on genre.
  Using, JAVA (Eclipse)
- *WHITEPAPER* - How upcoming digital technologies can help the CMT industry enhance their customer experience by newer products and faster delivery. The paper discusses the benefits of adoption of digital technology by companies not only for providing customers with the latest services as per current industry standards, but also using technology to enhance their day to day processes which will invariably improve the concept to product lifecycle.

- *Comic Con (with Flash based Comic strip creating application)*, designed a complete website with backend database.
  Using, HTML, PHP, Javascript, Actionscript (Adobe Dreamweaver and Adobe Flash)
- *Detection and Prevention of Denial of Service Attack*, implemented an algorithm with basic measures to detect denial of service attack and recover from it. Also designed and implemented an algorithm to try and prevent major DoS attacks from occurring again.
  Using, Red Hat (as platform to host server), Python, Perl, Shell Script
- *Prison Database Management System*, designed and developed a complete database along with complete user interface for easy access of database so that users do not need to input SQL query each time.
  Using, JAVA (Netbeans), Oracle
- *iPAT,* PSP automation and analyzing software, design an application to track student's development activities and designed an algorithm to analyze the student's abilities using basic statistical principles.
  Using, JAVA (Netbeans)

ACHIEVEMENTS AND EXTRA CURRICULAR

- **Awarded Accenture Stellar Awards Fiscal 2013 Q3 - Rising Star**
- **Winner of Whitepaper contest** as part of Industry Week Accenture India Event, 2014
- **Recipient,** 'Ram Chameli Sethi Memorial Award, 2010' for values of Caring and sharing
- **Oracle Certified JAVA Professional,** Java SE 5/6
- **Coordinator** of Organizing Committee for **International Conference On Contemporary Computing** 2010, 2011
- **Completed Model Thinking and Game Theory course,** from University of Michigan and Stanford respectively.
- **Founder,** JIIT Book Club (Page Turner Society)
- **Member (Interactive Team)**, JIIT Alumni Association
- **Organizer and Coordinator**, Multiple events during JIVE (annual College Fest)
- **Semi Finalist –** Microsoft Dream Spark Imagine Cup 2009 **(photography)**
- **Taught illiterate children** as part of National Literacy Mission 2002,2003
- **Active volunteer** at the National Association for the Blind, Delhi, 2007 – 2008

HOBBIES AND INTERESTS

- Mobile Application Development, Reading , Soccer, Social Work, Photography, watching TV shows