Dip B. Pansuriya

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EDUCATION

December- 2017 (Expected)	University of Southern California. Masters of Science in Computer Science.
May – 2014	U.V.Patel College of Engineering, Ganpat University B.Tech Computer Engineering (CGPA – Aggregate 8.81 Distinction)

ACHIEVEMENTS

- **All India Rank** 146 in AIEEE 2010 among over 1,000,000 candidates.
- **Oracle Certified Professional** Java Se 6 Programmer [OCPJ], With 96% on October 2013.
- Qualified for **Microsoft INDIA Appfest 2013.**
- **Secured Placed** in **top 24** best developer in **Yahoo! Hack India Event, 2013 Hyderabad.** (over 1000 developers across 20 states)
- Scholarship Awarded by Ganpat University (**Secure place in top three Ranking Students**).
- **Secured the First Rank** in Hack the Planet Event at Ganpat University in convergence 2013.
- **Secured the First Rank** in Master in Programming Event organized at Ganpat University in convergence 2013.

WORK EXPERIENCE

- **Worked at System Engineer in Indian Space Research Organization [ISRO].** **June 2014- October 2015**
  A Unit Dept. of Space, Govt. of India.

PUBLICATIONS

- Dip Pansuriya, Dr.Varun Sheel on "**Simulation and Concentration of Carbon Monoxide and Ozone for Kedarnath in WRF- CHEM Model on High Performance Computing Cluster**" in Proceeding of International Journal of Scientific Engineering And Technology Research.   **June – 2014**
  Online Available: http://www.ijsetr.com/uploads/451623IJSETR1427-455.pdf

MAJOR PROJECTS

- **Stock Market Search Boot Strap Web Application [**http://www-scf.usc.edu/~pansuriy/HW8/Stock.html**]**   **April 2016**
  Adviser: Prof. Papa Marcos
- Developed a Web Application for Company's Stock Market details, history and Newsfeed. It can also share on Social Media Site like Facebook and store in local storage so person can access it easily.
- The entire application is boot strap, people can use in laptop, mobile and tablet. It developed with latest technologies like HTML5, CSS3,Java Script, JQuery and AJAX .

- **Stock Market Search Application in Android [** github.com/DipPansuriya/Andorid-Stock-Market-Search.git**]**   **April 2016**
  Adviser: Prof. Papa Marcos
- Developed an Android application with Company stock marker search same functionality as web application and it works on Android platform and Facebook share and local storage is included too as per user convenient.
- It developed in Android Studio 2.1 and used latest API Level 21(Lollipop).

- **Student Management System [**github.com/DipPansuriya/Ganpat-University**]**   **Jun-Dec 2013**
  Adviser: Prof. Nirav Panchal.
- Done Full Admission Process online, Students can get university results on mobile phone, made intranet using flash as per each semester and field, done connectivity Moodle which was already done in .NET. Online E- Library for students who studies in Ganpat University.

- **Train Tracking System for Yahoo! INDIA [**github.com/DipPansuriya/TTS-For-Yahoo **]**   **Jun-Dec 2012**
  Adviser: Dr. Pinesh A. Darji. (Oracle ICD- Hyderabad)
- Built a web application for train travelers that uses PNR number to get the real time data about the upcoming next train station which includes distance, time left weather forecast, emergency number.

- **Augmenting Hand-Drawn Animation [**github.com/DipPansuriya/Augameting-HandDrawn-Animation**]**   **Jun-Dec 2012**
  Adviser: Prof. Rachana Modi.
- Studied and presented a paper on using motion-capture data to augment 2D hand-drawn animations of human characters
- By using pre-existing motion-capture data of humans, the 2D animation is reconstructed in 3D

OTHER PROJECTS

- Online Chess Game using java JSP, Hibernate and Applet.
- Online Sudoku Game in Java Platform using Applet. Which also conduct the low and hard section.
- Used Socket programming for design and implantation of a minimal Dropbox Clone (Distributed File Storage).
- Wrote a terminal- based file manager in C++ for Unix Systems supporting standard file management tasks.
- GUI based Chat Application for two user, they can chat using serial port connection in their devices.
- Developed plugin for Wordpress such as calendar, calculator using PHP.
- A Network simulation using routing algorithms in Ganpat University's intranet. [Around 90 to 95 computer connected].
- Built a GUI and implemented heuristic game AIs (Minimax and Alpha-beta pruning) for Chinese checkers in Racket.
- Built Government Engineering College website (www.gecgodhra.ac.in) and for one company (www.ozoneairsolution.com).
- A chat Room Application for students and Faculty of Ganpat University.
- Implemented a Folder Lock Tool Kit application in visual Studio 2010.[secure folder using password and can be disappear]

INTERNSHIP PROJECTS

1. **Engineering Project Trainee at Physical Research Laboratory, A unit Dept. Of Space, Govt. of India.**   **Jan-April 2014**
- **Simulation of Atmospheric Chemistry in WRF-CHEM Model on HPC Cluster. (Adviser:** Dr. Varun Sheel).
- o Installed new version Weather Research and Forecasting Model - Chem Model on High Performance Computing Cluster at PRL, Run different simulation in HPC Cluster and Benchmarking of the PRL's Cluster.
- o Plot the different contour of simulations and developed manual guide for WRF Users.
2. **Software development Intern at Indian Space Research organization [ISRO].**   **May-July 2013**
- **Image Processing Tool Development.   (Adviser:** Dr. Prashant Kumar**)**
- o Developed an Image Processing tool which can handle the all enhancement process for satellite Images.
3. **Engineering Software Developer at Iflame Technology.**   **May-July 2013**
- **RTalkChat- An Anonymous Chat Application [**github.com/DipPansuriya/RTalkChar-Anonymously-chat**]**
- o An Anonymous chat Application with clickable links, emotions, and can export the chat history as a text file.

RESEARCH SEMINAR

- **Mobile Computing [**github.com/DipPansuriya/Mobile-Computing**]**   **Jan-May 2013**
- o Research on the Mobile Computing Field and initializing and clarify the full process work such as GPRS, Bluetooth and understood the full architecture of IOS, Android, Blackberry, BADA and Symbian, clarify the difference.

PROGRAMMING AND TECHNICAL SKILLS

Programming Languages	Java, C, C++ , Android ,C#,.NET , PHP, Assembly 8085, IOS (Beginner)
Web Technology	HTML5, CSS3,Java script , AJAX, jQuery
Scripting Languages	Shall Scripting, Batch Scripting, Mat Lab
Databases	Oracle, MySQL
Operating System	Linux, Windows
Others	Socket Programming, Apache web service admin, Eclipse and Net Beans IDE Tools

POSTIONS, RESPONSIBILTY AND SEMINAR ATTENDED

- Team Leader as Robotics Group Event organized at Ganpat University.
- Active Member of Sky Rock club running in U.V. Patel College of Engineering.
- Team Leader in National Science Fair Event in High School Level, 2006-2007.
- Attended Android workshop at G.H.Patel College of Engineering, organized by IEEE.

PERSONAL DETAIL AND DELCARATION

Date of Birth	23-March-1993
Language Knows	English, Hindi, Gujarati
Skills	Positive attitude, Desire to learn and an active learner

I Hereby Declare That The Above Written Particulars Are True To The Best Of My Knowledge And Belief.

DATE: 07-June-2016   PANSURIYA DIP BHARATBHAI.