

Prudhvi Adapa

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EDUCATION

University of South Florida, Tampa, Florida
Master of Science in Computer Science,

Aug 2016 - Present

Andhra University, Visakhapatnam, India
Bachelor of Technology, Information Technology,

CGPA: **8.09**
Oct 2010 - April 2014

RELEVANT WORK EXPERIENCE

Teradata Corporation, Hyderabad
Software Engineer

June 2014 – July 2016

- Added significant contribution in Harness Framework by adding features like Teradata Shell, Python/Perl/PHP Compatibility, Teradata ODBC Driver etc.
- Played important role in development of Python Enabled Test Framework.
- Solved important problems in Teradata Shell- a services to connect to multiple systems connected to a network without password and execute programs/commands/queries.,
- Debugged and fixed many issues in Compare & Analyzer an Artificial Intelligence Service, Served as point of contact from Harness team between test teams and Tools teams.

Teradata Corporation, Hyderabad
Internship

Dec 2013 - June 2014

- Worked on Compare & Analyzer an AI Service, which identifies correct failures/errors and eliminates unnecessary failures/errors for all user test runs.

ACADEMIC PROJECTS

Forums, MissionRnD

May – Jun 2013

- Design and development of Forums using only preliminary technologies. Designed the file system for managing the data for forums by using flat files without using any database. Helped in analyzing and understanding the design complexity of different models.

Technobots, Web Technologies

July-Sept 2011

- Developed our class website during under graduation that tracks assignments and sends emails to students.

Image enhancement for fingerprints with modified teaching learning based optimization, Image Processing
Oct 2012- Feb 2013

- For the image enhancement a new parameterized transformation function is designed, This uses local and global information of the image. A new novel optimization technique, called Modified Teaching Learning Based Optimization (M-TLBO) is then implemented to control and

change the parameters in the transformation function which is applied on the poor quality fingerprint images to remove noise. The best enhanced image is tried to achieve according to the objective criterion by optimizing the parameters used in the transformation function with the help of Teaching Learning Based Optimization (TLBO).

Fingerprint Enhancement using Teaching Learning Based Optimization, Image Processing
oct 2012

June-

- Developed an application to enhance the quality of fingerprint using Teaching Learning Based Optimization AI Algorithm Also PSA and some other AI Optimization Algorithms are also used for Research purpose.
- End results are tested with The NIST Biometric Image Software (NBIS) which is developed by the National Institute of Standards and Technology (NIST) for the Federal Bureau of Investigation (FBI) and Department of Homeland Security (DHS).

PROFESSIONAL TRAINING AND CERTIFICATIONS

- Mission R&D is an innovative initiative with the mission to “Contribute to the growth of India’s R&D ecosystem” founded by former Microsoft employees -trained for Competitive programming, Algorithms, Design problems and other skills required for research and development.

REWARDS

- Among the top 1% in the program MissionRnD-2013 which focuses on growth of India’s R&D ecosystem in India, got the chance to participate in its summer internship held in IIIT, Hyderabad.
- Won several programming contests like Logical, Catch the bug, Kodtrezo, Code Surfers, Code Hunt held in different universities in state level university festivals.

SKILLS

- **Operating Systems:** Ubuntu, Windows XP,7,8,10, *nix
- **Programming Languages:** C/C++, Java, Python, Angular, ColdFusion, Perl, PHP
- **Code Review Tools:** Git, Tortoise SVN, TeamCity
- **Development Tools:** Eclipse, Netbeans, Pycharm , MS Visual Studio
- **Databases:** Teradata, Oracle