

PRASANTH BUDDAREDDYGARI

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EDUCATION

National Institute Of Technology, Warangal, Telangana, India Aug. 2013 – Apr. 2017
Bachelor of Technology in Computer Science and Engineering
Cumulative GPA: **7.79/10.00**, First Division

TECHNICAL SKILLS

Programming Languages : C++, Java, Python, SQL, Shell
Big Data Technologies : Hadoop, MapReduce, Hive, Spark, Sqoop, Oozie
Artificial Intelligence : Computer Vision, Machine Learning, Natural Language Processing
Web Development : HTML, CSS, PHP, Node Js, React Js

RESEARCH EXPERIENCE

Steganography for Hiding Text in Image Jan. 2017 – Apr. 2017

- Implemented Canny Edge Detection method to find out edges of an image using Java
- Encryption of sensitive text using AES and replacing image edges nibble with secret text nibble
- Produced better results in terms of image quality when compared to other techniques

Detection of Acute Lymphoblastic Leukemia Aug. 2016 – Jan. 2017

- Datasets of microscopic images of blood samples were obtained from Università degli Studi di Milano, Italy
- Extracted features like Area, Perimeter, Circularity, Convex area, Solidity, Major axis length, Minor axis length, Eccentricity and many more from the microscopic images of blood
- Developed algorithms using C++ language and OpenCV library
- Features extracted were fed into the Support Vector Machine model to classify healthy and unhealthy cells

PUBLICATIONS

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- Bhukya R, Prasanth B, Vihari VS, and Ajay Y (2017). **Detection of acute lymphoblastic leukemia using microscopic images of blood**. International Journal of Advanced and Applied Sciences, 4(8): 74-78 [\[PDF\]](#)

ACADEMIC PROJECTS

Attendance Management System May. 2016 – July 2016

- Developed an Android Application to manage attendance of a class with login features
- Implemented in Android Studio using Java and SQLite database

Alumni News Website Feb. 2016

- Scraped RSS feeds using Beautiful Soup python library and fed into Natural Language Processing Model to find relevant news articles
- Developed API for the website using python flask framework

Online Cab Booking website

Nov. 2015

- Developed as a part of CASE tools laboratory using PHP and MySQL

PROFESSIONAL EXPERIENCE

Target Corporation, Bangalore, India

Business Intelligence Engineer

Jul. 2017 – Present

- Building scalable, distributed data solutions with Big Data
- Working on multiple open source technologies in Hadoop to ensure real-time data for Business Analytics and Data Science
- Ensuring data quality and timeliness with creative automated solutions
- Providing key data insights that aim to deliver faster business decisions
- Developed UI of team member learning website using React Js

HONORS & AWARDS

- Quarterly Award as a part of Be One Team at Target Apr. 2018 – Jun. 2018
- Best Employee of the Pyramid at Target May. 2018
- National Merit Scholarship Aug. 2013 – Apr. 2017
Received at National Institute of Technology, Warangal for securing an All India Rank of 1506 on Joint Entrance Examination Mains

EXTRACURRICULAR ACTIVITIES

- Reinforcement Learning Workshop Aug. 2018
Attended the mini course at Target and learned about algorithms such as Markov Decision Process, Markov Reward Process, Monte Carlo Simulation and Temporal Difference Learning
- Participated in Target India Hackathon Apr. 2018
- Participated in NITW Hackathon conducted by Almadate, India Feb. 2016
- Served as a Sub Coordinator for NITW Technical Fest, Technozion Oct. 2015