

SIDDHARTH SHAH

B-1/3, ADIT Staff Quarters, ADIT College Campus, New V.V Nagar – 388121, Gujarat, India

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EDUCATION

- **Birla Vishwakarma MahaVidhyalaya**
M.E Computer Engineering (2012)
8.29 CPI
- **A.D Patel Institute of Technology**
B.E Computer Engineering (2008)
7.52 CPI
- **Shree Gattu Vidhyalaya**
HSC (Science – 2004)
60%

MAJOR PROJECTS

- **Smart Advertisement Board**
Guided development of prototype for viewer-based advertisement board with dynamic pricing (Applied for SSIP).
 - The system when deployed in public places like shopping mall, will recognize the viewers attributes like age and gender and roll the advertisement as per criteria classified. The same would give feedback to the product owner regarding how many times and at what time the advertisement was displayed, thus making the pricing of advertisement display dynamic.
- **Smart City Solution**
Guided project for SSIP Gujarat Hackathon (2019) – Finalist
 - Automatic garbage and potholes detection and notification based on camera placed at city and drones.
- **Drunk/ Drowsy Detection**
Guided project for TCS EngnX (National Level) Competition 2017 – Winners
 - The system will detect the face and classify whether the driver is drunk/drowsy and send notification the system which will then alert the concerned.
- **Face Detection Based Video Analysis**
Worked as a CO-PI in GUJCOST funded project (80,000 INR).
 - Analysis of Videos based on Face Detection and Gender Classification. The system will annotate live streaming videos with attributes like age and gender and make analysis accordingly.

- **College Record Management System for ADIT**
Ongoing In-House Project (ADIT)
 - Record Management, Analysis and Representation of student attendance and marks data.
- **Frequent Pattern Mining using Modified Inverted Matrix**
M.E Dissertation
 - Novel method for finding Frequent Patterns and the only method which is Incremental, Interactive, Single Scan and Parallel.
- **Email System (Client and Server)**
B.E Main Project
 - Developed EMAIL Client for Linux Mail Server
- **Web Application Cluster (Master and Worker nodes)**
B.E Main Project
 - Developed Application Cluster which works on memory feedback algorithm. System would distribute the client requests to different workers based on free physical memory available.

WORK EXPERIENCE

- **A.D Patel Institute of Technology**
Asst. Professor (Department of Computer Engineering) – Since 1-July-2010
- **A.D Patel Institute of Technology**
Trainee Lecturer – 1 Year 6 Months

MAJOR SKILL/TECHNOLOGY

- Java
- Advance Java (Servlets and JSP)
- Spring Core
- Spring MVC
- SQL
- Deep Learning (CNN)
- MongoDB

PUBLICATIONS

- “Gender Classification from Faces: A Survey” – International Conference at BVM Engineering college, 2017
- “An Incremental Mining Algorithm using Modified Inverted Matrix” – Proceedings of International Conference on Recent Trends in Computer Science, 2012
- “Analysis of Transit Method for Exosolar Planet Detection in Clustered Environment” – International Journal of Computer Science Trends and Technology Vol 2, 2014

- “Incremental Mining of Association Rules A Survey” – International Journal of Computer Science and Information Technologies Vol 3, 2012
- “A Survey on Enhancing Functioning of Wireless TCP in Cellular Network” – National Conference on Recent Trends in Engineering and Technology, 2011

ACHIEVEMENTS

- Qualified ALL INDIA GRADUATE APPTITUDE TEST IN ENGINEERING (GATE) 2010, 2015, 2018
- Sun Certified Java Programmer
- Received BEST FACULTY AWARD (Institute) - 2018

REFERENCES

- Dr. R.K Jain
Principal,
ADIT
- Aniruddha Kurtkoti
Assistant Professor
Department of Computer Engineering
ADIT

I, hereby declare that the above mentioned information is correct to the best of my knowledge.

Siddharth Shah