# Jenil S. Shah        Computer and Information Science

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| **RESEARCH INTERESTS** | Machine Learning, Distributed Systems, Data Science |

**EDUCATION**

**College of Engineering**      *Present*
University of Florida
Masters in Computer and Information Science

**Dharmsinh Desai Institute of Technology**      *May 2014*
Dharmsinh Desai University, Gujarat
Bachelors in Electronics and Communication Engineering
Grade: Distinction

**EXPERIENCE**

**Design and Development of HMI simulator for FORD automobile**      *Setember '14 - July' 15*
*Tata Consultancy Services*
Developed HMI simulator for 360 degree feature in Ford automobile.
Technologies used : C,Qt,Matlab

**Surveillance Quad-copter**      *June '14 - September '14*
*Tata Consultancy Services*
Quadcopter for detecting infected crops in farming.
Technologies used : Python, C, Matlab

**RESEARCH PROJECTS**

**Sudoku Solver using Machine Learning and Computer Vision**
*Published paper in IJCSIT on basis of this research project.*
Technologies used : Python

**JOURNAL PUBLICATIONS**

**International Journal of Computer Science and Information Technologies**
*A Simple and Effective Optical Character Recognition System for Digits Recognition using the Pixel-Contour Features and Mathematical Parameters*

**INTERNSHIP**

**Software Development of *Administartion Helper***      *Dec '13 - March '13*
*Tata Consultancy Services*
Development of network management software for administration.
Technology used : Powershell

**TECHNICAL SKILLS**

Programming Languages: C, C++, Python, Scala, Go
Tools and Libraries: Matlab, OpenCV, Numpy, Scikit-image, Pandas
Embedded systems : AVR, Arduino, Raspberry Pi
Computer Applications: LaTeX
System administration for Operating Systems: Linux and Microsoft Windows.

**POSITIONS OF LEADERSHIP AND RESPONSIBILITY**

**Webmaster -**    *IEEE Student branch, Nadiad*
Empowered for overall coordination between University and IEEE National branch.

**Designer -**    *DDU Connect(University Monthly Newspaper)*
Key role in Designing team of the University magazine. Creatively designed monthly issues for a year.

**Coordinator**    *Tech-Genesis and Animatronics for Felicific13 Annual fest*
*Dream n Design for Dreshiya 2014 at Tata Consultancy Services*