

Chirag Shah

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Career Objective

Self-Motivated engineering student, trying to develop innovative solutions to simplify tasks through robotics and information technology. Aiming to develop solutions, to improve the efficiency and quality of manual tasks through assistive robotics

Education

Year	Degree/Certificate	Institute	CGPA / Percentage
2012	Secondary School Certificate	Fr. Agnel School	95.09%
2014	Higher Secondary School Certificate	Fr. Agnel School	86.08%
2014	1st Semester Btech EXTC	K.J. Somaiya College of Engineering	7.65
2015	2nd Semester Btech EXTC	K.J. Somaiya College of Engineering	8.54
2015	3rd Semester Btech EXTC	K.J. Somaiya College of Engineering	8.17
2016	4th Semester Btech EXTC	K.J. Somaiya College of Engineering	8.8
2016	5th Semester Btech EXTC	K.J. Somaiya College of Engineering	8.24
2017	6th Semester Btech EXTC	K.J. Somaiya College of Engineering	8.32
2017	7th Semester Btech EXTC	K.J. Somaiya College of Engineering	9.32

EXTC - Electronics and Telecommunication

Projects

Autonomous Water Rover (July 2017 - Present):

An autonomous lake monitoring system is being developed, which can also be used for other applications such as depth mapping, fish finding etc.

Robo-Rehab (December 2017 - Present):

A continuous passive motion device for the arm, is being developed to aid physiotherapists in rehabilitation of paralysis victims.

Anomaly Detection in a Bottling Plant (December 2017 - March 2018):

A computer vision based system was designed to detect anomalies such as under filling, over filling in a bottling plant.

SONAR using ultrasound sensor and Matlab (March 2016):

An ultrasound sensor mounted on a servo was used to get obstacles in a 180 degree field of vision and the results were plotted using matlab.

Robocon (November 2015 - March 2016)

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