

G SHARATH

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Education	B.E in Computer Science and Engineering PES Institute Of Technology, South Campus , Bangalore, India <ul style="list-style-type: none">Aggregate of 75.4% as of Final Year High School - SBM Jain College, Bangalore (PUC) - 90.5% Secondary School - St. Mira's High School (ICSE) - 83.9%	2014 - 2018 2012 - 2014 2000 - 2012
Publications	<ul style="list-style-type: none">Sharath Guna, "The Evolution of Video Codecs and the Future", RISE 2017, 3rd National Conference on "Recent Innovations in Science and Engineering", May 6th, 2017 , Bangalore. View	
Technical Skills	Strongest Areas - Algorithms, Image Processing, Data Structures Languages - Java, C, C++, Python, PHP, SQL, JS Tools/Frameworks - MySQL, SQLite, OpenCV, L ^A T _E X, OpenGL , Android .	
Projects	All projects available on git : https://github.com/sharathguna <ul style="list-style-type: none">Face Authorization Surveillance : Built a system app that detects and recognizes multiple authorized persons in real-time by employing the Eigen Faces algorithm using the HAAR Cascade Classifiers.Accident Prevention for Influenced : Worked as a team of 4 for building the afore mentioned prototype which detects unusual driver's head movements and captures iris data to send warning signal to the microcontroller.Custom UNIX Shell : Developed an Unix shell with custom commands by creating an own parser that parses and tokenizes the input and performs specific operations.Young's Double Slit Simulation : A Mini-project that simulates the infamous Young's Double Slit Experiment using OpenGL and SOX .	
Relevant Courses	Data Structures and Algorithms, Machine Learning and Pattern Recognition, Artificial Intelligence, Discrete Mathematics, Operating System, Computer Graphics, Unix Programming, Advance Computer Networks, Databases, Theory Of Computation and Automata, Software Engineering.	
Achievements and Awards	<ul style="list-style-type: none">6th International Olympiad Of Mathematics 2013. (State rank : 110)Bagged Second Prize in "Debug IT" Intercollegiate Debugging Competition, Nov 2013.Selected for Top 5 amongst 120 Teams in KLUDGE 24-Hour Hackathon, Apr 2017.Secured First Prize in Senior Category at school level - Titan Genius Kidz National Arithmetic Championship 2009.Secured 7th (Top 10) in Computer Science in India - QuizUp, Sept 2016.	
Hackathons	<ul style="list-style-type: none">InGENIUS 24Hr 2015 : Built an Aptitude Android App "Triviality".CODE2k16 24 Hr 2016 : Presented the Face Authorization Project.init 12Hr 2016 : Built a Food Donate Android App "FeedTheNeed".KLUDGE 24 Hr 2017 : Presented the Accident Prevention Project.MANTHAN, BIT 2016 : Built an Android App "GreenBen".InGENIUS 24Hr 2017 : Built a Face Emotion Recognition App.	
Hobbies	Writing on Quora , Stock and Crypto Trading, Learning Cosmos, Trekking and Reading Classics.	
Strengths	An Autodidact , Quick Grasper , Brisk Learner, Acclimatized and Adaptive Person, Good Team-worker.	