

NISHANT REVUR BHARATH

CONTACT DETAILS

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ACADEMIC HIGHLIGHTS

Class 10 [CBSE] – 8.6 CGPA
Class 12 [PUC] – 89% (PCM 95%)
CGPA [BMSCE] – 9.08

RESEARCH INTERESTS

Machine Learning
Neural Networks

EXPERIENCE

PROGRAMMIN LANGUAGES:

1. C (4 years)
2. C++ (1.5 years)
3. Java (1.5 years)
4. Android (1 year)
5. Web Development (1 year)
6. Comfortable with data structures, analysis and design of algorithms, automata theory.

HOBBY PROJECTS

DRIVE SMART (Real World Project)

An android app that connects to the On Board Diagnostics (OBD) present on the car to provide real time data of the cars performance. It also tracks the user's driving behaviour (such as driving speed, engine RPM, hard braking) and gives a log of the user's trip. Even engine trouble codes can be monitored and automatically sent to a qualified technician for diagnosis. Warnings such as exceeding a certain speed or RPM threshold is present too.

CARPOOLING

A web based carpooling app to help college going students save more, pollute less, and make more social connections in the process. We implemented using (WAMP,HTML,CSS). It groups students in nearby localities to travel together.

ROAD RUNNER

The aim was to simplify and speed package delivery times by ecommerce websites by route planning. We use TSP and a self-developed algorithm to perform TSP with a single time constraint. This allows us to take into account a person's availability while calculating optimal route.

CashOnDelivery

With the ever increasing use of e-commerce sites, the package delivery times often slip to a week or more during peak times. To help ease the pressure on the delivery companies we decided to make an app which would crowd source some of these deliveries to anyone (after a background check).

SIC/XE Assembler

A simple assembler for the hypothetical SIC/XE machine. The assembler accepts a '.asm' file as input and produces the appropriate object code.

OTHER TECHNICAL ACHIEVEMENTS

Top 10 teams, Ayana PESIT 2015
Top 8 teams, Fourth Lion 2015

COCURRICULAR



WORKSHOPS ATTENDED

1. Android Workshop (IEEE)
2. Hadoop (IEEE)
3. Core Team Google Students Club BMSCE.

INTERNSHIPS

1. SuperTextNow
2. Flawless

HOBBIES AND OTHER ACHIEVEMENTS

1. In 2011 won the International Space Developers Conference Space Settlement Design Competition organized by NASA and ISDC. We were invited to Washington to present our work.
 2. Play the keyboard.
 3. Part of the core team of Google Students Club BMSCE.
 4. Certified First Aider by Amelio Medi Corp for two years in school.
 5. Active participant with FAME India for community awareness to sensitize young adults on social issues.
 6. Active participant with National Service Scheme Graded Level 'A', also attended one week camp at Prem Seva Nagar to document the village and help disabled people.
 7. Second place in anti-litter campaign by Concern India Foundation.
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