

HARSHITH PADIGELA

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EDUCATION

B.TECH	Computer Science and Engineering , Indian Institute of Technology , Guwahati CPI: 8.24/10.0 (After 4 th semester)
INTERMEDIATE	2009-11 , Narayana Junior College , Hyderabad PERCENTAGE (CLASS XII): 96.2
HIGH SCHOOL	2009 , Matrusri E and L School , Hyderabad PERCENTAGE: 91.5

PROJECTS UNDERTAKEN

<i>Kalaha- Board Game</i> AUTUMN 2012	<i>Guide:</i> Dr. Saswata Shannigrahi, Assistant Professor, IIT-Guwahati Developed a human v/s computer game of substantial intelligence. The game was made by suitably implementing algorithms like alpha beta pruning and mini-max in Java.
<i>Virtual Bread Board Simulator</i> AUTUMN 2012	<i>Guide:</i> Dr. Santosh Biswas Developed a bread board simulator in java, with the features like GUI for the bread board and its components, drag and drop feature for setting up the circuit, detection and handling of errors, circuit optimization and generating a matrix representation of predefined convention into to text file, which can be fed to a server for processing the output
<i>Contact Management System</i> FEB 2013	<i>Guide:</i> Dr. P.K.Das, Associate Professor, IIT-Guwahati This is an easy to use software, which allows users to to manage their contacts offline on a computer. The software would allow a user to login/authenticate himself and suitably add/edit/delete his contacts along with options to import and export contacts in a standard format. The user is provided with options to set reminders specific to a contact and the choice of maintaining a range of details for each contact.
<i>Intranet Entertainment Portal</i> MARCH 2013	<i>Guide:</i> Dr. P.K.Das, Associate Professor, IIT-Guwahati This is a website-portal that can be hosted on the IITG intranet and encompasses all the Academic and Entertainment material at one place. It includes music and video straming portals, an app store and basic version of a coding portal.
<i>Assembler Linker and Loader</i> MARCH 2013	<i>Guide:</i> Dr. Santosh Biswas, Assistant Professor, IIT-Guwahati Developed an 8085 assembler, linker and loader in Python. It supports various new instructions (apart from those in 8085 instruction set) and macros. It also detects various kinds of errors in syntax.

Pattern Analysis in Network Data

ONGOING

Guide: Dr. Vijaya Saradhi, Assistant Professor, IIT-Guwahati

Working towards establishing patterns in two different representations of network traffic data using Canonical Correlation Analysis.

TECHNICAL PROFICIENCY

Programming Languages: C, C++, JAVA, PYTHON, VISUAL BASIC

Softwares: MS OFFICE , ECLIPSE IDE, VISUAL STUDIO

Web Designing: HTML, PHP, CSS, JAVA SCRIPT (BASICS), MYSQL

Operating Systems: LINUX, WINDOWS

ACADEMIC ACHIEVEMENTS AND EXPERIENCE

- Was among the top five teams from IIT-Guwahati to be selected for the ACM ICPC Arunachal Pradesh onsite regionals-2012.
- Secured an All India Rank of 1547 in **IIT-JEE** 2011 (amongst the top 0.3%)
- Secured an All India Rank of 1773 in **AIEEE** 2011(amongst 11 Lakh students)
- Secured the 'High Distinction' merit in Australian Chemistry Olympiad in 2008
- Developed the websites for the Guwahati Half marthon and Escalade and worked on various small-scale android applications.

POSITIONS OF RESPONSIBILITY AND EXTRA-CURRICULAR ACTIVITIES

- Chief Organiser of the '**Guwahati Half Marathon**' 2013 and the social Campaign initiative Sociothon
- City representative of Technothon 2012, the International School Championship conducted by the students of IIT-Guwahati
- Core team member of **Techniche** 2013, the annual techno-management festival of IIT-Guwahati.
- Organised initiatives like Muskaan, Social 360, Health and Awareness Camp and Platform 101 as part of Sociothon.
- Made a manual robot for the event 'Dredge and Drop' in Techniche 2011.
- Member of the team from Umiam Hostel which won the 'shadow play' event in Manthan 2011 (the inter hostel cult fest)