
Prathamesh A Degwekar

Computer Engineering Student

EDUCATION

1	Indian Institute of Information Technology, Design & Manufacturing Kancheepuram	Computer Engineering Dual Degree Course (B.Tech + M.Tech) (CGPA = 9.07 / 10)	1st Semester	8.61 (GPA)
			2nd Semester	8.91 (GPA)
			3rd Semester	9.57 (GPA)
			4th Semester	8.82 (GPA)
			5th Semester	9.45 (GPA)
2	National Public School , Koramangala	Central Board of Secondary Education (CBSE Board)	<i>12th Grade (MAY 2015)</i>	95%
3	New Horizon Public School , Bangalore	Indian Certificate of Secondary Education (ICSE Board)	<i>10th Grade (MAY 2013)</i>	94.5%

PROJECTS

- Developing an AUV (Autonomous Underwater Vehicle) with a group of fellow engineering students.
- Developing a semi-autonomous mini drone.
- Developing a self-balancing platform for applications in the medical industry and warehousing.

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- Developed a Quadcopter for the Science Exhibition at NPS Koramangala. Developed the code in processing and embedded C and built a prototype using an Arduino Uno Development Board.
 - Successfully made a maze solving robot implementing the A* Search Algorithm for the above mentioned Event.
 - Made Pacman using Turbo C implementing the A* Search Algorithm.
 - Made Conway's Game of Life Simulation in turbo C.
 - Made a Ball Following Robot in SHAASTRA 2016 (IIT Madras Fest)
 - Made a 3d Model of a Hoverboard for Industrial Design Sketching Course.

COURSES TAKEN

- Computational Engineering
- Discrete structures for Computing
- Machine Learning (Online – Coursera.com)
- Database Systems
- Design and Analysis of Algorithms
- Computer Organisation, Computer Architecture
- Cryptography (Online - Coursera.com)
- Advanced Data Structures and Algorithms
- Data Mining
- Embedded Systems

Internships

- App development for startup UpLad based in Bangalore , India.

SKILLS

- C , C++ , Java
- Algorithms
- Android Development
- Lua (Corona SDK)
- Verilog
- OpenCV
- Arduino

ACHIEVEMENTS

- Cleared Zonal Informatics Olympiad (ZIO) 2014, Qualified for The Indian National Olympiad of Informatics (INOI) 2014 conducted by the IARCS (Top 250 In India).
- Hackerrank World Cup 2015 Semi Final World Rank 300
- HP CodeWars 2014 Top 10
- Reached Finals and won multiple programming contests at inter school and inter University contests.

INTERESTS

- Algorithmic Programming
- Machine Learning
- Robotics

TECHNICAL INTERESTS

- Graph Theory
- Machine Learning
- Big Data
- Cryptography

EXTRA-CURRICULAR ACTIVITIES

- Participation and Victory in numerous Coding Contests and Quizzes
- Laurels in events like Crisis Management, Gaming and Debating
- Completed Times NIE Junior Journalism Program (Year 2011)
- Playing sports: football, table tennis

CONTACT

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