GOPATI BHASKAR

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OBJECTIVE

To pursue a challenging education in Software development and to thoroughly understand concepts of Computer Science, take up research in that area and contribute to the best of my abilities to the technological revolution.

ACADAMIC CREDENTIALS

2016-2020	**Bachelors of Technology** – Electronics and Communications Engineering from Amity School of Engineering and Technology affiliated to Amity University with an aggregate of 77.9%.
2014-2016	**Intermediate** – 12th Standard **Mathematics, Physics and Chemistry from** SR Junior College, recognized by Board of Intermediate Education (BIE) with an aggregate of 96.9%.
2013-2014	**School** – **10th Standard from** Wisdom High School, recognized by **Board of Secondary Education** (SSC) with an aggregate of 97%.

QUALIFYING EXAMINATIONS

IELTS: 7 (Reading: 7.5, Listening: 7.5, Speaking: 6, Writing: 6.5)

AREAS OF INTEREST

- Data Science.
- Machine Learning.

PROJECT PROFILE

- **Project: Performance investigation of Adaptive Beamforming Algorithms in Smart Antennas on the response of Uniform Linear Arrays for 5G bands Using MATLAB Tool.**

Description: Project is based on simulation of different beamforming algorithms for Smart Antenna systems of ULA and finding the most efficient algorithm for Smart Antennas. The alogorithms are implemented and Simulated using MATLAB tool and MATLAB programming. The Simulations are converted into appropriate graphs.

- **Mini Project : Two Fingered Pick and Place Robotic arm.**

Description: The Project is design and implementation semi autonomous of pick and place robotic arm uing Arduino board controller. It has 4 degress of freedom. The Arduino controller is programmed using Arduino compiler. The code was written in C language and deployed in Arduino. The Arduino UNO Borad controls the servo motors according to fixed positions in the Program written.

- **Mini Project: Two wheeled self Balancing Robot.**

Description: The Project is about making a simple self balancing two wheeled robotic. The project uses proximity sensors to sense the position and Arduino UNO as the controller. The Arduino UNO is programmed in such a way that it makes necessary correction in the motor speed using the inclination position from the proximity sensor and Balance it over yhe mean position.

ACHIEVEMENTS:

- Received **100%** Merit Scholarship for 1st and 2nd semesters and **25%** for 3rd semester for my Bachelors study at Amity University Mumbai.

TECHNICAL SKILLS

Languages   : C, C++, Java.
Low level Languages   : Assembly Language Programming
Operating Systems   : MS DOS, Windows 98 , Windows XP.
Tools   : MATLAB, DFT Mentor tool.
Computer Skills   : Proficient in MS Word, Power Point and Excel.

ACTIVITIES & INTERESTS

- Organised an event at University Techincal Fest**.**
- Always ready to take-up challenges.
- Enthusiastic to learn new Technologies.
- Always ready to implement innovative ideas with enthusiasm.
- An ability to learn quickly and adapt to circumstances and keep on improving.
- Love to travelling and socialising with people.

INTERNSHIPS.

- **Name:** Electronics Corporation of India Limited (ECIL), Hyderabad**.**
- **Duration:** 30 days.
- **Project:** Design and Implementation of Electronic Voting Machine Using Verilog HDL Programming.

PARTICIPATIONs

- Attended National level l Accelorobotix workshop conducted by IIT Mumbai.