Harshit Bhorga

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B.Tech - Engineering Physics
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Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Technology, Guwahati	6.02	2017 - 2021
Senior secondary	CBSE board	86.4%	2016
Secondary	CBSE board	8.8	2014

Projects

- **Responsive Web Design**
  - A responsive web page is created to demonstrate my portfolio and dummy products/ Application to public through Internet.
  - **https://github.com/bhorgaji/Responsive-web-page** please visit throgh the page through this link.
- **E-mail Spam Classifier**
  - Developed a machine learning model to classify emails as spam or not spam using the support vector machine algorithm. Achieved an accuracy of **98.5%** on the test data-set.
  - Manually picked a set of words that are most frequent in spam emails. Processed every email to normalize it and converted it into a feature vector using manually chosen words. Utilized these feature vectors for training the model.
- **Data Exploration of COVID 19**
  - Explored COVID 19 data of various countries and continents using Microsoft sql server management studio.
  - **Skills Used** : Joins, CTE's, Temp Tables, Windows Functions, Aggregate Functions, Creating Views, Converting Data Types.

Technical skills

- Programming languages : **C, C++, Python**
- Web technologies : **HTML, CSS**
- Database management **: SQL**, **Power BI**
- Other : **Machine Learning, Competitive Programming**
  * Elementary proficiency

Key courses taken

- CS 101: Introduction to computing
- Data Structure and algorithm
- Computational Physics
- Human Resource Management
- CS 110: Computing Laboratory
- Microprocessor Architecture and Programming
- Responsive Web Design(freecodecamp)

Position of Responsibility

- **Core Team Member of Aeromodelling Club,** IIT Guwahati
  - Build different RC Plane and working agricultural drone for sprinkling pesticides and chemicals, assembled and studied various unmanned vehicle.
  - Actively involved in conducting various activities like workshops, talks, etc. of the club.

Extracurriculars

- **Sports :** Won silver medals in spardha Inter Hostel Sports competition and Hockey Premier league.

- **Peer Mentor:** Mentor for kriti Inter Hostel Competition for RC Plane event and we secured 3rd position.
- **Xpression (Performing Arts Club of IITG) :** Performed street play at campus's cultural event for social awareness.
- **Flood Relief Camp :** Volunteered Assam flood relief camp organized by Social Service Club IIT Guwahati.