Bharati Gourgopal Padhy (2020PCS1009)

भारतीय प्रौद्योगिकी संस्थान जम्मू
INDIAN INSTITUTE OF TECHNOLOGY JAMMU
विद्यायनं सर्वधन प्रधानम्

ACADEMIC QUALIFICATIONS

Year	Degree	Institute/University	%/CGPA
2020-Present	Master of Technology Computer Science (Data Science)	Indian Institute of Technology Jammu	9.00/10
2013-2016	Bachelor of Engineering (Computer Science)	University of Mumbai	8.41/10
2010-2013	Diploma in Information Technology	Govt. Polytechnic, Thane	73.44/100
2010	Class X	Maharashtra State Board	85.64/100

ACADEMIC ACHIEVEMENTS AND SKILLS

Scholastic Achievements

- Among top **1.5**% of candidates who appeared for GATE 2020 in Computer Science.
- Secured **AIR 75** in JEST Theoretical Computer Science 2020.
- Consistently in **top 3** all the semesters during bachelor's degree.
- Secured **15th** Rank in Coding Ninjas Coding Event 2020.

Skills

- **Languages**: C, C++, Python
- **Web Technologies**: HTML, Bootstrap, JavaScript, Json, D3.js, CSS, jQuery.
- **Databases**: MySQL
- **Miscellaneous**: Data Structures and Algorithms, Operating System, Database Management System, Exploring field of Data Science and Machine Learning.

WORK EXPERIENCE

Tata Consultancy Services (Sep 2016 – Aug 2018)

- Worked as **Assistant Systems Engineer (Frontend Developer) @ Center of Excellence (Business and Technology Innovation).**
- **Skill Set**: HTML5, CSS3, JavaScript, jQuery, D3.js, Bootstrap, AJAX, JSON, SQL.
- Developed algorithmic logic to build various modules or charts for higher management decision making.
- Developed UI for Geo Spatial Analysis using leaflet.
- Worked on the design & development of industry solution for Railways (IRDM – Intelligent rail digital maintenance) which is certified by SAP as 'Industry Accelerator'. I developed the full project from scratch with the backend service Integration.

Achievements

- Received written appreciation and awards for IRDM for being a team player and **STAR** at frontend developer.
- Received appreciation from Manager and Supervisor for on time application delivery.

PROJECTS

Winter of Code Tesseract Coding (2020)

- **Project:** Tresseract/NeoAlgo
- Made contribution to this open-source project on GitHub.
- The main aim of this project is to have a single place for all possible algorithms and data structures - in multiple languages and I made contribution in CPP language.
- I also created new issues and resolved them as well.
- https://github.com/Bharati2612/NeoAlgo

Machine Learning with Iris Dataset

- The purpose of this project was to gain introductory exposure to Machine Learning Classification concepts along with data visualization.
- **Technologies used:** Scikit-Learn, Pandas and Data Visualization Libraries.

Web Crawler

- Crawled the Stackexchange website to extract information about Latex related questions.
- **Technologies used:** Python, Beautiful Soup.

Inventory Management System

- This project is an inventory order website named IMS where the user can order different kind of products, add or manage the products invoice in the database by their category and brand.
- **Technologies used:** HTML, CSS, JavaScript, PHP, MySQL

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विद्ययाऽमृतमश्नुते

Data organization and Information Retrieval	▪ Performed text pre-processing on web data of over a corpus of 2000+ documents. ▪ Computed the term frequency and inverse document frequency by devising an algorithm. ▪ **Technology used**: CPP

POSITIONS OF RESPONSIBILITY

Placement Coordinator	▪ Actively working on determining industry placement opportunities and coordinating with students for smooth flow of information between student body and Training & Placement Cell.

EXTRA CURRICULARS ACHIEVEMENTS

Academics	▪ Certificate for Microsoft AI Classroom Series 2020. ▪ Won state level Technical paper presentation 2013. ▪ Received certificate in Nation Level Technical paper presentation. ▪ Received certificate in State Level Quiz Competition.
Writing	▪ Won All India Essay writing competition.

CONTACT INFORMATION

GitHub **LinkedIn**	▪ https://github.com/Bharati2612 ▪ https://www.linkedin.com/in/bharati-padhy-309a50103/