

# Arindal Char

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## EDUCATION

### UNIVERSITY OF ENGINEERING AND MANAGEMENT

2021 - 2025 | Kolkata, India

Computer Science and Engineering (AIML)

GPA: 9.0/10.0 (current)

### ST. PATRICK'S HS SCHOOL

2013 - 2021 | Asansol, India

## EXPERIENCE

### PROGRAMMING

- Solved over **400 problems** on platforms like **LeetCode**, **CodeChef**, **GFG**.
- Participated in many coding contests on platforms like **CodeChef**, **LeetCode** and **CodeForces**.

### CERTIFICATIONS

- Completed multiple certification courses for **Python**, **Web Development**, **Machine Learning** and **Soft Skills** from **Udemy**, **Coursera**, **NPTEL** and **Forage**.
- Completed Andrew Ng's **Machine Learning Specialization** course provided by **Coursera** and **Harvard University**.
- Completed courses on **Object Oriented Programming** on Coursera and Udemy.

## LINKS

[\[Facebook\]](#) [\[GitHub\]](#) [\[LinkedIn\]](#)  
[\[Portfolio\]](#) [\[LeetCode\]](#)

## COURSEWORK

### UNDERGRADUATE

Object Oriented Programming  
Machine Learning Algorithms  
Data Structures and Algorithm  
Operating Systems  
Database Management Systems

## SKILLS

### PROGRAMMING

**Proficient:**

Java • CPP • Python • C

**Intermediate:**

JavaScript • Shell • MySQL • Prolog

**Familiar:**

MATLAB • VHDL • Git • MongoDB

## PROJECTS

### E-MAIL SPAM DETECTOR [\[GITHUB\]](#)

August, 2023

- Trained* a machine learning model that classifies an e-mail or sms text as **spam** or **not-spam**, using different **Natural Language processing** methods and **Classification algorithms**.
- Analysed the dataset to *observe* the trends and *understand* the data using different **graphs** and **maps**, using MatPlot Library.
- Computed the *accuracy* and *precision* of the model using various algorithms like **Naïve Bayes**, **K Nearest Neighbours**, **Decision Tree Classifier**, and *more*.
- Serialized* the model by using **Pickle** to host it locally for better *User Intractability*.

### WEATHER WEB-APP [\[GITHUB\]](#)

August, 2023

- Made a simple but visually aesthetic web-application using vanilla **HTML**, **CSS** and **JavaScript**.
- The web-app uses **OpenWeather API** to fetch weather data of a region specified by the user, handles the functionality using **JavaScript**.

### PERSONAL PORTFOLIO WEBSITE [\[GITHUB\]](#)

July, 2023

- Designed a simple *portfolio website* for myself using basic **HTML**, **CSS** and **JavaScript**.
- Added smooth animations and layout using **CSS** and **JavaScript** for a good user experience.