

Abdur Rafay

A Passionate Undergraduate Student

A Computer Science student seeking opportunities in a organization to utilize acquired academic knowledge and skills. An energetic, passionate and skilled individual who believes in adding values to a company by achieving targets and developing the best performance in the organization.

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EDUCATION

Bachelors Degree in Computer Science

National University of Computer and Emerging Sciences (NUCES)

08/2018 - 06/2022

CGPA : 3.33 / 4

A-Level

Beaconhouse College Campus PECHS(BCCP)

08/2016 - 08/2020

O-Level

St. Peter's High School

08/2003 - 08/2016

ACADEMIC PROJECTS

Sentiment Analysis (04/2021 - 05/2021)

- Implemented on -- **Python**.
- Features - An **application** is made using a **Scikit-learn** and **NLTK** library that predicts the **sentiment** of the sentence whether it is positive or negative, it was implemented by two **machine learning** approaches **Logistic Regression** and **Naïve Bayes Classifier**. Each of these models is trained on the **IMDB review** dataset from **Kaggle** and **tweets dataset** of **NLTK** library respectively.

Automated Resume Recommender (04/2021 - 05/2021)

- Static website Implemented on -- **Python**.
- Features -- An **application** is made using a **Scikit-learn** and **NLTK** library that first categories all the CV's given in the corpus using **machine learning** model trained on **SVM classifier**, the model is trained on a dataset from **Kaggle** next it takes **job description** as input and suggests the most relevant resumes on the bases of the job description.

Dynamic Problem Solver (01/2021 - 01/2021)

- Implemented on -- **HTML, CSS, Javascript, JQuery, and PHP**.
- Features -- Our website provides an **interactive User interface(UI)** for problem selection (Dynamic algorithm) and **provides a solution step by step**.

Online Shopping Store - Choose Your Closet (09/2020 - 12/2020)

- Dynamic website Implemented on --- **HTML, CSS, Bootstrap, Javascript, JQuery, and PHP (Laravel framework)**.
- Features -- **Admin portal, Seller Portal, and Customer Portal** We also have options for **filter search, Vouchers, Sales, reviews, and comments**.
- Special feature -- **Customizer** where people can customize his or her clothing according to their own will.

Voice Controlled Shell (05/2020 - 06/2020)

- Implemented on -- **Python, PyAudio, Google-speech-to-text(gstt), linux and Google-text-to-Speech(gtts)**.
- Features -- A project based on **Voice User Interface** on the shell, which uses **voice commands** to **run bash scripts** that perform various tasks like **shutting down the system, listing files present in the current directory, and other such operations**.

SKILLS

Programming : C, C++, Python, PHP and JavaScript.

Web Development : HTML, CSS, Bootstrap, JavaScript, jQuery and PHP(Laravel Framework)

Database: MySQL, Oracle and PL/SQL

Data Science : Python, Pandas and Matplotlib.

Machine Learning: Scikit-learn and NLTK

ACHIEVEMENTS

DEAN's List (01/2021)

Students with the **SGPA 3.50** or more in a semester are included in the **DEAN's List**. Such a student receives a **Certificate** and his/her name is also placed on the **University's website** as honor.

Teacher Assistant (09/2020 - 12/2020)

Worked as a teacher assistant for discrete mathematics which helped me in improving my teaching skills and also taught me how to manage different tasks at the same time.

Gold medalist (08/2018)

Achieved gold medal from Beaconhouse College Campus PECHS for scoring exceptional grades in A-level CIE.

Scholarship (08/2016 - 08/2018)

Received 75% academic scholarship in AS-level for scoring A grades in O-level CIE and 100% academic scholarship in A-level for scoring straight A grades in AS-level CIE

Best Actor Award (11/2017)

Performed as a sitcom character and won best actor award in Curtain Call hosted by Beaconhouse College Campus PECHS

EXTRA-CURRICULAR ACTIVITIES

Think n Create(Society) Co-head Media and Promotion (10/2020 - 06/2021)

Society of the Fast National University of Computer and Emerging Sciences (NUCES) which aims to develop the skills of students, this position helped me to understand how social media platforms work as a marketing platform and also shaped my leadership skills.

Coder's Cup hosted by National University of Computer and Emerging Sciences (NUCES) (10/2018)

Participated in annual competitive speed programming competition , this competition introduced me the idea of competitive coding competition.

Dramatics Society of Beaconhouse College Campus PECHS(BCCP) (09/2017 - 04/2018)

Part of Dramatics Society which helped me alot not only in improving my directing skills but also polished my public speaking skills

Beacon MUN hosted by Beaconhouse College Campus PECHS(BCCP) (10/2017)

Volunteering in Beacon MUN for security department which helped in improving my communication and managing skills.