21 February 2023
Uttara University
House-04, Road-15, Sector-06, Uttara Model Town
Uttara, Dhaka-1230

To the Registrar,

I would like to apply for the vacancy advertised in bdjobs.com dated 14 Feb 2023. I am writing to express my interest in the computer science and engineering teaching position at your esteemed institution.

As a recent graduate with a Bachelor's degree in Computer Science and Engineering, I am excited about the opportunity to share my knowledge and passion for this field with students. During my academic tenure, I gained extensive knowledge in various programming languages, data structures, algorithms, and computer architecture. Furthermore, I also have experience in software development through projects, and self-learning. Teaching has always been my passion, and I believe that I possess the required skills to deliver quality education. I have excellent communication and interpersonal skills, which allow me to create an interactive and engaging learning environment for students. As a fresher, I understand that I have a lot to learn and that teaching will be a challenging yet rewarding experience. I am eager to learn, grow, and contribute to your institution's academic community. I am confident that my skills, knowledge, and passion for computer science and engineering make me an ideal candidate for the position.

I hope you will consider my application and will give me the opportunity to discuss my qualifications in a personal interview. Please find enclosed a copy of my CV for more information. Thank you.

Sincerely,

Al Amin

Enclosure: CV and other documents.

CURRICULUM VITAE

Alamin
Contact number: +8801875-780315
Email: alaminbhuyan321@gmail.com
GitHub: https://github.com
LinkedIn: https://www.linkedin.com/in/al-amin
Address: Faidabad Chowrasta, Uttara, Sector-6, Dhaka-1230

CAREER OBJECTIVE

Recent graduate with a Bachelor's degree in Computer Science and experience in machine learning and data science. Proficient in Python and familiar with various machine learning libraries and frameworks. Strong problem-solving skills and a passion for using technology to solve real-world problems.

PERSONAL INFORMATION

Father's Name	: Mostafa Kamal
Mother's Name	: Mahabuba Begum
Mailing Address	: Faidabad Chowrasta, Uttara, Sector-6, Dhaka-1230.
Permanent Address	: Vill- Manikkandi, P.O.- Islamabad, Tana-Titas, District- Comilla
Date of birth	: 04-June-1999
Marital status	: Unmarried
Religion	: Islam
Nationality	: Bangladesh by birth

EDUCATIONAL QUALIFICATION

1. B.SC. IN COMPUTER SCIENCE AND ENGINEERING

University	: Uttara University
Major	: Computer Science & Engineering
Passing Year	: 2022
Result	: CGPA-3.93 Out of 4.00

2. HIGHER SECONDARY SCHOOL CERTIFICATE

Institute	: Mehnaz Hossen Mim Adarsha College
Group	: Science
Board	: Comilla
Passing Year	: 2017
Result	: GPA-3.25 Out of 5.00

3. SECONDARY SCHOOL CERTIFICATE

Institute : Jonab Ali High School
Group : Science
Board : Comilla
Passing Year : 2015
Result : GPA-4.61 Out of 5.00

EXPERIENCE

- I have done some web based and as well as ML based project. I pushed those project in GitHub and Heroku.
- Used Python and scikit-learn to preprocess and analyze data.
- Implemented and evaluated various machine learning algorithms to improve model performance.
- Assisted in the analysis of large datasets using SQL and Python.
- Worked on various machine learning projects using TensorFlow, scikit-learn, Keras and other libraries.

SKILLS

- **Skilled:** OOP, Machine Learning, Deep Learning, NLP, Computer Vision, Git & GitHub, MySQL.
- **Programming Language:** C, C++, JavaScript, Python
- **Library:** Numpy, Pandas, SciPy, Scikit-learn, Matplotlib, Seaborn, Plotly.
- **Tools:** Git, Visual Studio Code, PyCharm, Jupyter Notebook, Jupyter Lab, Spyder.
- **Deploy:** Heroku, GitHub.
- **Framework:** TensorFlow, Keras, Scikit-learn, Django, Flask.

PROJECTS

- **Cats' vs Dogs Classification Using deep learning (CNN):** Developed a CNN model to predict cat and dog from a image. The model achieved an accuracy of 98% and validation accuracy 82%.
- **Fashion Recommendation System Using Transfer Learning (CNN):** This is a fashion recommendation project. In this project user can upload his/her favorite product image and it will recommend the similar product.
- **Customers Churn Prediction Using Deep Learning (ANN):** Developed a deep learning model to predict customer churn using Python and ANN. The model achieved an accuracy of 85% on the test dataset.
- **Face Mask Detection Using Transfer Learning (CNN):** This project on detects face mask. If a person stands on a camera using this model, we can detect whether the person wearied mask or not.

- **Person Identification & Attendance System Using Face Recognition module:** Developed a system that will identify a person and take her attendance to the excel sheet.
- **Person Identification:** Developed a CNN model to predict a person. The model achieved an accuracy of 82% and validation accuracy 95%.
- **Which Bollywood Celebrity Are You Transfer Learning (CNN):** Used a transfer learning technique "VGGFace2" model trained 100 Indian celebrity. This model can fetch the similar face if someone face is related any Bollywood celebrity.
- **Spam Email Detection Using Machine Learning:** Developed a machine learning model to predict spam email using Python and Scikit-learn. The model achieved an accuracy of 98% on the test dataset.
- **Content Based Movie Recommendation System Using Machine Learning:** Developed a machine learning model to recommend movie based on content. This model suggests related movie as their similarity.
- **Book Recommendation System Using Machine Learning:** Developed a machine learning model to recommend book based on content. This model suggests related book as their similarity.

alamin

Signature