PERSONAL INFORMATION

ANIKA BUSHRA CHOWDHURY

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CAREER OBJECTIVE

Interested in Software Engineering, Data Science, Research Engineering. Want to build professionalism in my fields of interest by working with professional people in a co-operative environment.

ADDITIONAL INFORMATION

Competitive Programming Experiences

Involvement with the Competitive Programming Community and gained knowledge about Algorithms, Data Structure & Mathematics.

- Solved more than **200+** problems and participated in many online contests in online judges.
- **Codeforces Handle:** anikabushra6069
  Details at: https://codeforces.com/profile/anikabushra6069
- **Hackerrank Username:** anikabushra6069
  Details at: https://www.hackerrank.com/anikabushra6069
- **Lightoj user_id:** anikabushra669
  Details at: https://lightoj.com/user/anikabushra699

Thesis

- "Binary Classification of Brain MRI Images for Detection of BrainTumor Using Convolutional Neural Network."
  Tools: Python**,** Keras, TensorFlow, OpenCV, Kaggle,Google Colab.
  Details at: https://github.com/anika-bushra-chowdhury/Brain-Tumor-Classification.

Projects

- Face Verification & Face Recognition**.**
  Tool: Jupyter Notebook, TensorFlow, Keras.
  Description: A face verification & face recognition system that uses a pre-trained model Keras Open-Face to identify faces that are stored in a dataset. It also uses pre trained inception model to encode face images into a 128-dimensional vector.

- Art Generation with Neural Style Transfer**.**
  Tool: Jupyter Notebook, TensorFlow, Keras.
  Description: Generating novel artistic images combining the style of an image and content of another image. In this project transfer learning is implemented. Pre-trained VGG19 model is used and the rest is built on top of that.

- Autonomous Driving - Car Detection**.**
  Tool: Jupyter Notebook, TensorFlow, Keras.
  Description: A YOLO (You Only Look Once) based pre-trained model is used to detect objects on a car detection dataset. Bounding boxes are drawn and used to know the location of every object on the image.

Technical Skills

- **Programming Languages:** C/C++, Python.
- **Web development:** HTML, CSS, PHP, MySQL.
- **Operating Systems:** Windows, Linux.
- **VCS:** Git/GitHub.

Certifications

- **Deep Learning Specialization [**September' 2020**]**
  Platform: Coursera
  Certificate at: https://coursera.org/share/e71ecd460ca53723224b5e930eef6ef5

Attachment

- **Android App Development**. [June' 2018]
  Organization: TechCare
  Description: Design a shirt sharing app, Development, Quality Assurance, and Marketing.
  Tools: Android studio, AdobeXD.

Co-curricular activities

- Entrepreneur at **"Noboni"**
- **General Member** at **"RUET Career Forum (RCF)"**.
- **Volunteer** at **"Samanupatik"**.
  "Somanupatik" is the biggest non-political & non-profit voluntary group of RUETians.

EDUCATION AND TRAINING

2016 – 2021
BSc in Computer Science and Engineering (CSE).
Rajshahi University of Engineering and Technology (RUET), Rajshahi

2014
Higher Secondary Certificate (HSC).
Rajuk Uttara Model College, Uttara, Dhaka

2012
Secondary School Certificate (SSC).
Rajuk Uttara Model College, Uttara, Dhaka

LANGUAGE PROFICIENCY

Mother tongue(s): Bangla.

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	A2	A2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

REFERENCE

- **Barshon Sen**
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  Department of CSE, RUET
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  E-mail: sen.barshon@gmail.com