Curriculum Vitae of

Rabeya Tus Sadia

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Academic Details

- **B.Sc. Engg. in Computer Science and Engineering**
  Rajshahi University of Engineering & Technology (RUET), Rajshahi-6204.
  CGPA: 3.55 out of 4.00 (1st class 10th)

- **Higher Secondary Certificate (2015)**
  Chittagong Engineering University School and College , Raozan, Chittagong-4349
  GPA: 5.00 out of 5.00, Group: Science

- **Secondary School Certificate (2013)**
  Chittagong Engineering University School and College, Raozan, Chittagong-4349
  GPA: 5.00 out of 5.00, Group: Science

Experiences

- **Lecturer**
  State University of Bangladesh(SUB) September, 2021-present

Publications

- **Paper Title:** Classification of Skin Lesions using Transfer-Learned CNN and Feature Concatenation(Published)

- **Paper Title:** Multiple weather scene detection utilizing the EffecientNet family(Accepted)

Machine Learning Medium Blogs

- Understanding Graph Neural Network with hands-on example Part-1, Part-2

Projects

- **Facial Expression Recognition with CNN**
  Facial Expresion Recognition with CNN

- **Online Book Shopping**(Project on CSE 3200: Software Development Project-II)
  (Supervisor: Prof. Nazrul Islam Mondal, Associate Professor, CSE department, RUET, February 2016)

  - **Description:** A useful web application that helps users purchase books. This system is also integrated with other features e.g. searching books, recording order history, user authentication and E-mail verification via RESTful web API services.

  - **Technologies Used:** PHP, HTML5 CSS3, Javascript, jQuery, JSON, MySQL, Apache server.

- **Building Chatbot using Python**

- ○ **Description:** An AI-based software designed to interact with humans in their natural languages.
- ○ **Technologies Used:** PHP, HTML5 CSS3, jQuery, JSON, MySQL,NLP,Spacy library,Apache server.

Experience

- **Internship**
  Domain: Data Science and Business Analytics.
  Organization: The Sparks Foundation.
  Duration: 1 January, 2021-1 February,2021 Certificate

- **Champion of Huawei Seeds For the Future-2020**
  It's basically Huawei's global CSR flagship program where students from 126 countries go to china.It was a 10 days Internship Program.Here I got training about fundamentals of 5G technology, Machine Learning and Artificial Intelligence, Cloud Computing, IOT devices, Cyber Security and Leadership. Achievement

- **Volunteering in Bangladesh Scout**

- **Finalist in Hult Prize 2020**

Technical Skills

- **2 to 3 years**: Python, Java, Android, C++, C.

- **Others:** Git, Bitbucket, Oracle MySQL, JSON, Javascript, HTML, CSS, PHP, Bootstrap, XML, LaTeX, Flex, Bison, Linux OS CLI.

Online Courses

- **At Coursera:**
  - ○ Machine Learning Foundations: A Case Study Approch
  - ○ Image Classification with CNN Using Keras
  - ○ Tensorflow in Practice Specialization
  - ○ Improving Deep Neural Network
  - ○ Programming For Everyday(Getting Started with Python)

- At DataCamp:
  - ○ Building Chatbots in Python

Reference

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