Md. Abu Bakar Siddique Sadi

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Career Objective

Highly motivated and results-oriented Computer Science graduate with a strong foundation in front-end and back-end web development and a passion for creating user-centric applications. Seeking a position where I can contribute to innovative projects and leverage my skills in a collaborative environment.

Experience

Teaching Assistant
American International University-Bangladesh
May 2021-Aug 2021

- Guided students in lab tasks and assisted in understanding complex concepts.
- Collaborated with the instructor to prepare and deliver course materials.

Key Projects

Palette Pal [Code]
Developed a React-based web application for generating and saving color palettes.
Technologies: React, JavaScript, CSS, HTML

Weather Web Application [Code]
Created a web application providing real-time weather data using a weather API.
Technologies: JavaScript, HTML, CSS, OpenWeatherMap API

Automated Web Testing and Performance Analysis [Code]
Developed automated testing frameworks using Selenium for web applications.
Technologies: Selenium, Python, pytest

Education

Master of Science in Computer Science
American International University Bangladesh, 2024
CGPA: 3.64/4.00

Bachelor of Science in Computer Science
American International University Bangladesh, 2023
CGPA: 3.21/4.00

Higher Secondary Certificate (HSC)
BAF Shaheen College Tejgaon Dhaka, 2017
GPA: 4.75/5.00

Secondary School Certificate (SSC)
BAF Shaheen College Tejgaon Dhaka, 2015
GPA: 4.50/5.00

Skills

- **Programming Languages:** Python, C++
- **Web Technologies:** HTML5, CSS3, JavaScript, React JS
- **Testing & Automation**: Selenium
- Databases: SQL, PostgreSQL
- **AI/ML:** TensorFlow, Keras, CNN, Machine Learning Algorithms
- **Version Control**: Git

Publication

Walking Pattern Recognition Using Generative Adversarial Network
DOI: 10.5120/ijca2022922510

- Developed and implemented advanced gait recognition algorithms, focusing on improving accuracy and efficiency in real-world scenarios.
- The system is implemented by using TensorFlow and OpenCV.