ARJAB CHAKRABARTI

WEB DEVELOPER AND AI ENGINEER

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EDUCATION

Don Bosco Park Circus
Indian Certificate of Secondary Education

KIIT University
Bachelor of Technology in Computer Engineering

SKILLS

- Technical writing
- Problem-solving
- Critical thinking
- Attention to detail
- Communication
- Creativity
- Project management

CERTIFICATIONS

- Crash course on Python
- Machine Learning Specialization
- Deep Learning Specialization

KNOWN LANGUAGES

- Python / Py-torch
- HTML / CSS
- Javascript / Node.js / React.js
- C / C++

SUMMARY

Highly motivated and skilled sophomore student seeking opportunities to apply my web development and machine learning engineering skills. I aim to contribute to a dynamic organization where I can utilize my technical knowledge and creativity to develop innovative solutions.

WORK EXPERIENCE

Personal Web Development Project (2020-present)

- Conceptualized and executed many minimalist portfolio websites to showcase personal projects and achievements.
- Implementation of clean and intuitive user interface using HTML, CSS, and JavaScript.
- Utilized CSS frameworks, such as Bootstrap, to ensure responsive design and cross-browser compatibility.
- Integrated a contact form to facilitate seamless communication with potential clients or employers.

Video Forgery Detection using Quantum Machine Learning (IEEE Research Paper) (March 2023 - August 2023)

- Collaborated with a team of researchers from BITS on a project focused on video forgery detection techniques.
- Conducted an extensive literature review on video forensics and forgery detection algorithms.
- Developed a novel approach using machine learning to detect forged video content.
- Conducted experiments using various datasets, evaluating the performance of the proposed method.
- Analyzed and interpreted the experimental results, contributing to the discussion and conclusion of the research paper.

IEEE Survey Paper on Conversational Al and ChatGPT (May 2023 - June 2023)

- Worked with BITS researchers on a project focused on natural language processing and sentiment analysis.
- Conducted experiments with various machine learning algorithms to analyze sentiment in text data.
- Preprocessed and transformed the data using techniques such as tokenization and word embeddings.
- Collaborated on writing the research paper and contributed to the discussion of the experimental results.