Arijeet Das Chowdhury

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Education

Christ(Deemed to be University) — Bengaluru, Karnataka
Masters of Computer Applications (MCA) — *July. 2022 – May 2024*

Tinsukia College — Tinsukia, Assam
Bachelors of Computer Applications(BCA) — *July. 2019 – Aug 2022*

Vivekananda Kendra Vidyalaya — Tinsukia,Assam
Higher Secondary(CBSE) — *May. 2017 – May 2019*

Vivekananda Kendra Vidyalaya — Tinsukia,Assam
Senior Secondary(CBSE) — *April. 2006 – May 2017*

Projects

Direct Reach | *HTML,CSS, NodeJS, MySQL, Docker* — Feb 2023 – Apr 2023

- Developed a full-stack web application using with Node JS serving as Server/Backend and MySQL as database with HTML as the frontend.
- Implemented EMAIL Authentication for data security.
- The aim of this application is to streamline the process and make it easier for businesses to connect with and manage influencer collaborations.
- Bcrypt was used to encrypt the passwords of registered users, preventing them from being easily accessed by unauthorized parties in the event of a data breach.
- In this project, jQuery was used to efficiently search for data from the displayed table details, allowing for faster and more accurate search results.

Graph GPT | *HTML, JavaScript, Git, Python* — July 2023 – Sept 2023

- GraphGPT converts unstructured natural language into a knowledge graph.
- Pass in the synopsis of your favorite movie, a passage from a confusing Wikipedia page, or transcript from a video to generate a graph visualization of entities and their relationships.
- Successive queries can update the existing state of the graph or create an entirely new structure.
- For example, updating the current state could involve injecting new information through nodes and edges or changing the color of certain nodes.
- The current few-shot prompt guides GPT-3 in accurately understanding the JSON formatting GraphGPT requires for proper rendering.

Wildfire Detection (Hackathon) | *HTML, JavaScript, Git, Python ,Jupyter Notebook, SCSS* — March 2023

- Project aims to provide an efficient solution to the issue of forest fires by leveraging these advanced technologies to detect and predict forest fires in real time.
- Conducted preliminary data analysis on numerical data and applied data augmentation techniques to images in order to better train and fit our model effectively.
- Applied various model building alogorithms on numeric data like Logistic Regression, Random Forest, KNN, XGBoost Classifiers and trained and validate the Deep Neural Network model on imagery dataset for fire or $no_fire image classification. Along with these we implemented Hyperparameter testing on numeric data.$

Technical Skills

Languages: Python, MySQL ,C,JavaScript, HTML/CSS
Frameworks: Node.js, Material-UI
Developer Tools: Git,Google Cloud Platform,AWS, VS Code, Visual Studio
Libraries: pandas, NumPy, Matplotlib