

Innocent Dengkhw Mochahari

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EDUCATION

Central Institute of Technology, Kokrajhar

Computer Science and Engineering, CGPA 8.9/10 (upto 5th Semester)

Kokrajhar, BTR

Sep 2020 – July 2024

Cotton University

Higher Secondary in Science, Score 73.2/100

Panbazaar, Guwahati

Aug 2017 – May 2019

EXPERIENCE

Co-ordinator

Jan 2021 – June 2023

Coding Club CITK

Central Institute of Technology, Kokrajhar

- Serve as a programming instructor during bootcamps and workshops, equipping students with essential skills and knowledge of successful software development
- Design and Develop club webpage and content including social media handles, fostering a cohesive online presence that aligns with club objectives
- One of the founding members of club aimed at cultivating coding culture within the institute, increasing student engagement in areas such as competitive programming and coding contest as well as leading institute projects, collaborating with other institutions and organizing events to advance these goals

PROJECTS

Live Emotion Detection in Android | *OpenCV, Android Studio*

June 2023 – Present

- Integration of Machine Learning models with Android Development
- Implementation and Analysis of the highly versatile and powerful OpenCV library and its capabilities for image processing, computer vision, and machine learning tasks

ASD detection using deep learning | *ML, DL, Image Processing* | [link](#)

Jan 2023 – June 2023

- Combined the Q-chat Questionnaire with Image Classification model to predict Autism Spectrum Disorder (ASD)
- Implemented different Deep Learning Image Classifiers using pre-trained models, and techniques like transfer learning and fine tuning

A Survey on 3D Object Reconstruction | *Computer Vision and Image Processing* | [link](#)

Jan 2023 – Present

- Conducting research on 3D Object reconstruction using deep neural networks
- Developing a generalized texture-based 3D reconstruction for common objects

TECHNICAL SKILLS

Programming Languages: Java, Python, C

IT Constructs: Data Structures and Algorithm, Object Oriented Programming, DBMS

Frontend Skills: HTML, CSS, Bootstrap, React

Backend Skills: MySQL, PHP, JavaScript

Other Skills: Android Studio, Unity, Machine Learning and Deep Learning

ACTIVITIES

Library Information System | *PHP, MySQL*

Jan 2023 – June 2023

- Developed a library information system using the php scripting language
- Designed and Implemented a MySQL database for the application
- Integrated login functionality, data manipulation features as well as user management capabilities

Webpage for Technical Clubs | *HTML, CSS, Bootstrap, PHP, MySQL* | [link](#)

July 2022 – December 2022

- Created and maintained the Coding Club CITK website with HTML, CSS, PHP and MySQL
- Manage the Robotics Club website using Git Workflow
- Proficient in web development tools and technologies including Bootstrap, Jekyll and JavaScript

Monster Chase Game | *Unity, C#, Photoshop* | [link](#)

Jan 2022 – July 2022

- Built a monster game using Unity and C#, gaining experience in game development, design and animation
- Designed game assets using Adobe Photoshop, demonstrating skills in asset creating and visual design
- Acquired experience in Unity and C# programming concepts, including game logic and scripting