ARUT CHEZHIAN.C

UGSCHOLAR (B.ECSE)

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https://github.com/arutchezhian

https://arutchezhian.github.io/Arut/greatsite.com

Linkedin.com

Education

2020 - 2024
Bannari Amman Institute of Technology
CGPA : 8.43

2018 - 2020
Green Garden Matric Higher Secondary School
HSC : 78%

2019 - 2018
ST. Joseph Matric Higher Secondary School
SSLC : 58%

ACHIEVEMENTS

Smart India Hackathon 2022 (Winner)
05/2022 - 07/2022
Topic: Python with deep learning, python with machine learning, SMART MARINE SPECIES DETECTION

GOV-TEC-THON 2021 (Winner)
09/2021-05/2022
Topic: Smart Traffic Management system

ASET - (International Conference 2023) - (Best paper)
31/01/2023
Topic: Heart disease prediction using ML

Toycathon 2021 – (Finalist)
08/2020 - 01/2021
Topic: Safe Toys

Experience

RESEARCH INTERN

Suven Consultants and Technology Pvt.Ltd. , Chennai, India
10/2020 - 11/2020

- Contributed to a Public program by creating UI and establishing server connections.
- Expanded knowledge through exposure to diverse computer languages used in front-end development.
- Enhanced communication skills by gaining insights into the workflow of the IT industry during the internship.

PROJECT INTERN

National Small Industries Corporation Government agency, Chennai, India
04/2021 -05/2021

- Developed UI and backend for a government app during the internship.
- Gained insights into IT sector workflow and application development.
- Improved communication skills through collaborative project work

PROJECT INTERN

Nandha InfoTech , Coimbatore, Tamil Nadu
01/2023 -03/2023

- Proficient in Wound and Plant Disease Detection, emphasizing accuracy (60%).
- Seamless Data Flow Integration: Connected web pages to ML backend, ensuring efficient data transfer (75%).
- In-depth Outcome Analysis: Applied advanced ML algorithms for comprehensive image analysis, yielding valuable insights (80%)

COMPUTER SCIENCE INTERN

Qodeit Bengaluru, Karnataka
01/2024 -04/2024

- Operationalizing Efficiency: A Pragmatic Implementation of Unsupervised Learning for QoS in Cloud Environments
- Enhancing Customer Experience in the Hotel Industry with Privacy-Preserving Deep Learning
- Facial emotion recognition for early mental health recognition.

Expertise

- JavaScript, Python, C, C ++
- AI (ML & DL)
- Application Development
- Frontend development
- UI/UX
- WordPress
- SEO

TOOLS

- HTML,CSS,JavaScript
- CSS
- TensorFlow
- OpenCV
- PyTorch
- Flutter
- Swift
- MIT
- Flask
- Django
- Figma
- Sketch
- Adobe XD
- Microsoft Power BI
- Microsoft Azure
- Microsoft Visual Studio
- Microsoft Office Suite

PERSONAL INFO

Father's Name: CHERAN.S
Mother's Name : MANGANI.C
DOB: 17/02/2002
Address: 439 Gandhi Road,
Anupparpalayam,
Tirupur – 641652

COURSE OF COMPLETION

Python for Data Science, AI & Development,

Build a Full Website using WordPress,

Google UI/UX,

Blockchain Technology,

Android App Development Specialization.

PROJECTS

Payment gateway using Blockchain (Web 3)
11/2021 - 03/2022

- Implemented BLOCKCHAIN payment gateway project.
- Utilized Web 3 API to integrate with Metamask.
- Enabled seamless cryptocurrency transactions between users.

Application for women's safety
04/2021 - 06/2021

- Developed an SOS application focused on women's safety.
- Incorporated a functionality where shaking the app or tapping a button triggers an alert.
- Sends a distress message with the current location (Latitude and Longitude) and activates an alarm for immediate assistance.

Face Recognition Attendance-Based System in Python
04/2022 - 05/2022

- Implemented Attendance tracking system utilizing ML image categorization.
- Applied OpenCV in Python for image processing.
- Recorded attendance by analyzing categorized images for efficient tracking.

SMART MARINE SPECIES DETECTION
06/2022 - 08/2022

- Applied image processing in marine species analysis.
- Used categorization techniques to identify different species.
- Employed forecasting methods to estimate the approximate weight of the fish.

Smart Traffic Management system
11/2021 - 04/2022

- Addressing a real-time challenge through a simulated solution.
- Utilizing traffic flow data for dynamic problem-solving.
- Implementing a responsive approach to adapt to changing scenarios.