Gurpreet Singh

+91-7651853835 | gurpreet.singh.735701@gmail.com | linkedin.com/in/gurpreet | github.com/gurpreet | portfolio/gurpreet

EXPERIENCE

Deep Learning Intern
Oct 2022 – Present

iNeuron Intelligence Pvt. Ltd. — *Remote*

- Project based internship for developing autonomous web application to detect brain tumor in MRI scans using deep learning.
- Tech Stack Exposure: Python, Tensorflow, HTML/CSS/JavaScript, JQuery Bootstrap, Azure

Freelance Web Developer
May 2022 – Present

BurnerBuzz and Marqtwain — *Remote*

- Experience in website building with a focus on clients, including the creation of portfolio websites and online store websites
- Tech Stack Exposure: ReactJS and Tailwind-CSS,NodeJS, ExpressJS, GitHub, Netlify Hosting, Figma.
- Portfolio Link

Web Developer
Feb 2022 – April 2022

TEDxIITRAM — *Ahmedabad, IITRAM*

- Developed and Deployed a user-friendly, dynamic, and user-specified website for an international event, TEDxIITRAM, having more than 12,000 views so far.
- Tech Stack Exposure: HTML, CSS, JavaScript, JQuery Bootstrap,Figma, GoDaddy and GitHub Pages
- GitHub Link   Deployment Link

PROJECTS

Battery Monitoring System using Machine Learning and Deep Learning
September 2022 – Present

- State of Charge(SOC) estimation based on current, voltage, and temperature measurements taken in real time.
- The ANN, Linear Regression for Multi Variables, SVM, and Random Forest Algorithms were all put through their paces, and the ANN trained model came out on top with an accuracy of 96.25percentage for the State of charge estimation.
- Tech Stack Exposure: Python, Matplotlib, Numpy, Pandas, Linear Regression, SVM, Artificial Neural Networks, Random Forest, Anaconda, VsCode, Pycharm, Google Collab, Jypter Notebook.
- GitHub Link

ACHIEVEMENTS

- Accepted for Udacity's Intro to ML with Tensor Flow Challenge Course funded by Bertelsmann's Technology Scholarship Program.. Display Badge Link:
- Solved over 300+ Data Structure and Algorithm challenges on coding sites such as LeetCode, GeeksForGeeks, CodeChef, , Codeforces, and HackerRank.

TECHNICAL SKILLS

Languages: C++, JavaScript, HTML/CSS, Python
Frameworks: ReactJs,Bootstrap, Material-UI, Tailwind Css
Developer Tools: Git, VS Code, Visual Studio, PyCharm, GitHub
Libraries: Standard Template Library(C++), Pandas, NumPy, Streamlit

RELEVANT COURSEWORK

- Data Structures, Algorithms, Computer Organization, Object Oriented Programming
- Full Stack Web Development in MERN Stack
- Artificial Intelligence, Machine Learning, Deep Learning
- Operating Systems, Computer Networks, Database Management Systems.

EDUCATION

Institute of Infrastructure Technology Research and Management
Ahmedabad, Gujarat, India

Bachelor of Technology in Mechanical Engineering — *Aug. 2019 – May 2023*