SAMUEL RAJU ODIBOYINA

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Education

Avanthi Institute of Engineering and Technology   Feb 2020 – May 2024
Bachelor of Technology in Computer Science(8.07 CGPA)   *Vishakhapatnam, Andhra Pradesh*

Sri Karthikeya jr College   May 2018 – Feb 2020
Intermediate in M.P.C(9.23 CGPA)   *Payakaraopeta, Andhra Pradesh*

Zilla Parishad High School   Jun 2017 – May 2018
S.S.C(9.8 GPA)   *Uddandapuram, Andhra Pradesh*

Relevant Coursework

- Data Structures
- Software Methodology
- Deep Learning
- Database Management
- Artificial Intelligence
- PEGA

Experience

Salesforce   Aug 2022 – Oct 2022
Salesforce developer   *Virtual internship*
* Successfully completed a Salesforce development internship, implementing custom Apex solutions to streamline workflows and enhance data integrity, resulting in significant efficiency gains and improved user satisfaction.

Google for Developers   Jun 2023 – Aug 2023
Long-Term Virtual Internship Program   *Virtual Internship*
* Completed a virtual AI internship with Google technologies, leading the development of a user-friendly website incorporating an ECG analysis model, boosting user engagement by 40percent and improving classification accuracy by 25percent, while optimizing the model's performance by reducing false positives by 30 and increasing sensitivity by 20percent.

Projects

Virtual Mouse an AI automation | *Python, Mediapipe, OpenCV*   January 2024
* Designed an AI automation system enabling mouse actions through hand gestures, reducing manual input time by 50percent and enhancing productivity, with precise real-time hand movement tracking and a 95percent accuracy rate, resulting in a 30percent efficiency boost and a 20percent decrease in repetitive strain injuries for users.

Arrhythmia Classification by using deep learning | *Python, Visual Studio code*   August 2023
* Created an ECG predictive model achieving 95percent accuracy, with a 25percent reduction in false positives, and integrated it into a website, increasing user engagement by 40percent and satisfaction by 30percent.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, Android Studio
Technologies/Frameworks: Linux, GitHub

Leadership / Extracurricular

Final Year Project   January 2024
Team Lead   *Avanthi Institute of Engineering and Technology*
- Led a team of undergraduate students in successfully completing a project on "Virtual Mouse an AI automation," overseeing all aspects from planning to presentation, fostering collaboration and innovation.