

Saihan Sadique

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EDUCATION

Bachelor of Technology in Computer Science and Engineering Sept. 2019 – June 2023
MES College of Engineering India

Higher Secondary Education April 2017 – March 2019
Bharatiya Vidya Bhavan India

LEADERSHIP AND INVOLVEMENT

Secretary May 2022 – June 2023
IEEE Student Branch, MESCE, Kuttipuram

- Responsible for all activities within IAS IEEE Student Branch, MESCE.
- Planned and hosted a 2-day national-level techfest with 150+ attendees
- Organized workshops and other activities.

Joint Secretary Dec. 2021 – June 2022
MES Association for Technical Research in Computer Science

- Organized an inter college event with 400+ attendees and managed it successfully.
- Planned and hosted numerous meetings on planning and organizing events on a weekly basis.
- Organized several talk sessions, codeathons and other activities.

PROJECTS

Smart Travel Assistant | *Python, Java, Flask, MySQL, HTML, CSS, JavaScript* Nov. 2022 – April 2023

- Developed a full-stack web application for administration purposes of the project
- Implemented data-mining of popular tourist destination websites using web-scraping
- Implemented Google Maps API which allows for path plotting of the clients itinerary
- Implemented Chatbot using NLP and created a dataset containing 500+ queries

Autonomous RC Car | *OpenCV, C++, Python, Arduino, Raspberry Pi* June 2022 – Sept. 2022

- Trained a model using OpenCV that allows for autonomous travel of an RC car on a path
- Implemented an arduino program that allows for reception of direction signal
- Implemented multi-threaded TCP server to handle data input
- Developed a program that allows for manual control from server system

TECHNICAL SKILLS

Languages: C++, C Sharp, Python, SQL, JavaScript, HTML/CSS

Frameworks: Flask

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, JetBrains

Libraries: Pandas, NumPy, Matplotlib, PyGame, Socket(Python), RegEx

LANGUAGES

- English (Full professional proficiency)
- Hindi (Professional Working)

REFERENCES

- Dr. Govindaraj E - mailtogovindaraje@gmail.com
- Prof. Harikrishnan GR - harikrishnan@mesce.ac.in