



Priyansh Sanghavi

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LinkedIn

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GitHub

<https://github.com/PriyanshSanghavi>

Summary

Priyansh is thrilled to pursue research in artificial intelligence/machine learning as well as cyber security. In addition to that, he has worked with developing applications in Android and React Native. Priyansh appreciates the chance to work together with those that have the same interests as him.

Internship

Centre for Cyber and Information Security, ComExpo Cyber Security Foundation, Ahmedabad (July-22 to september-22)

I'm really thankful that I was able to take part in this research internship over the last three months, during this time I was able to broaden my experiences and acquire new skills such as data analysis, research, and more.

Perfetto Solution (May-2022 to June-2022)

I just finished a two-month internship in react native at Perfetto Solution. During this internship, I learned how to design front ends in react native, how to connect applications to databases, and much more. I also had the opportunity to work on a live project.

Paper

- “A Cloud Enabled Framework for IoT Based Smart Electric Poles” International Symposium on Sustainable Energy, Signal Processing and Cyber Security (ISSSC 2022), IEEE
- “A Comprehensive Study on Cyber Legislation in G20 Countries” International Conference on Advancements in Smart Computing and Information Security (ASCIS 2022), SPRINGER NATURE
- “A Comprehensive study on cyber security in unmanned aerial vehicle” International Conference on Computing for Sustainable Global Development (INDIACom-2023), IEEE
- “Comprehensive Study of Cyber Security in Artificial Intelligence-based Smart Grid” International Conference on Advances in Computing and Data Sciences (ICACDS-2023), SPRINGER

Projects

2020 - 2021

Smart Lens • Android, Java, Html, css, Php, JavaScript, Mysql

This Android software assists both traffic officers and drivers. Using this software, police may register their presence using face detection and location detail, as well as validate driver IDs and documents using facial detection. It is possible to issue mamo and pay fines online. Police officers may request leave, and branches and administration could react. Monitoring attendance charts and memo reports, as well as issuing pertinent circulars, is also easier.

2021 - 2022

Page Replacement Simulator • Android, Java

This is a page replacement project that is used to replace pages in operating systems. This project includes several algorithms such as (FIFO, LIFO, LRU and OPR). This project also provides page fault, page hit ratio analysis, and a variety of additional features such as audio books.

2022

Object Detection Optical Character Recognition • Python, AI/ML

This is a software for OCR (Optical Character Recognition) and Object Detection. This application can identify the proper object in a picture. This software was created using Python and OpenCV.

Skills

Tech

Python, Java, React Native, React js, C, C++, HTML, CSS, php, javascript, SQL, Firebase, SQLite, Android

Developer Tools

Git, GitHub, VS Code, Visual Studio, Eclipse, Google Colaboratory, Jupyter Notebook, Android Studio, Canva

Fields

Android Development, Data Structures and Algorithms, Deep Learning, Machine Learning, Research, Data Science

Soft Skills

Observation, Decision Making, Multi-tasking

Interests

Research, React Native, React Js, Application Development, Artificial Intelligence, Machine Learning, Deep Learning, Software Development, Problem Solving, Algorithm Solving, Competitive Programming (Cp)

Language

English (Full professional proficiency)

Hindi (Full professional proficiency)

Gujarati (Native proficiency)

Hobbies

Blogging, Reading

Education

- School of Technology (Pandit Deendayal Energy University)
Computer Science and Engineering - 9.7
Aug, 2021 - Present
- C. U. Shah Govt. Polytechnic (Gujarat Technological University)
Diploma - Computer Engineering - 9.52
Aug, 2018 - Jun, 2021

Awards and Certification

- Microsoft Learn Student Ambassador
- Postman Student Leader
- Python and Data Science
- Goldman Sachs FinTech Engineering
- Machine Learning and Artificial Intelligence
- Oracle Database Foundation
- Cyber Security