

RITHIC CH

SKILLS

- MATLAB
- Python
- IoT
- Data Science
- Machine Learning
- Web Development (Backend)
- Computed Aided Designing
- C / C++
- MySQL, PostgreSQL

CERTIFICATIONS

- [Python Data Structures](#)
- [Microsoft MTA: Programming using Python](#)
- [SQL for Data Science](#)
- [Programming Foundations with JavaScript, HTML and CSS](#)
- [The Raspberry Pi Platform and Python Programming for the Raspberry Pi](#)
- [Crash Course on Python](#)
- [Programming in C](#)
- [MATLAB Onramp](#)
- [Arduino Step by Step Getting Started](#)
- [Hacker Rank Python \(Basic\)](#)

EDUCATION

**Government College of Technology,
Coimbatore, Tamil Nadu.**

B.E – Electronics and Instrumentation
Engineering
(2019 – 2023)

**Kendriya Vidyalaya Ballygunge, Kolkata,
West Bengal.**

12th (2019) Percentage – 83.4%
10th (2017) CGPA – 9.4

SOLOPRENEUR

Jeevanam is a solopreneur project I had taken up whose motive is to help people with the technology I know, the telegram bot and automated dustbin is the outcome of this project

CONTACT

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GITHUB: [Rithic Hariharan GitHub](#)

PROFILE SUMMARY

An Engineer from the graduating batch of 2023, with interest in Robotics, IoT and Datasciences. Seeking Internships in the field of IoT.

WORK EXPERIENCE

Team Screwtenizers (All-terrain Vehicle) Lead of Data Acquisition and Electrical

June 2020 – Present

- Collected data from the ATV and analyzed various parameters to improve the performance of the ATV.
- Created and executed plans for model-based systems design.
- Performed ML and AI related modelling.

Keyrion Technologies

Security management and Data Science Intern

May 2020 – July 2020

- Provided safety reports and data analysis to building managers to inform security processes.
- Performed network security design and integration duties.
- Developed a COVID tracker for tracking spread of COVID-19 virus.

PROJECTS

[COVID-19 Telegram bot](#)

- Developed a Telegram bot which gives the information about the vaccine availability.

[Automated Dustbin](#)

- Created an automated dustbin which is proposed to be used with the municipality of Coimbatore for improved sanitization

[Health Monitoring Device](#)

- Created A remote Health Monitoring device which sends data to the cloud and used data analysis and predictions to predict whether the patient is COVID positive or not based on pulse-oximeter method

[COVID-19 Updates tracker](#)

- Developed a python program which calls the Covid-19 updates API and displays the number of affected, recovered and number of deaths in the country.

ACADEMIC AND EXTRACURRICULAR ACHIEVEMENTS

- Google Hash Code Ranker – Participated in a C Hash Code competition conducted by google at National Institute of Technology, Tiruchirappalli. Rank within the top 5%.
- Doing research in Photovoltaic Thermal System installed at college hostel premises to improve the efficiency of the solar panel as well as the water heating system.
- One of the Founder and Website builder of [ElectrocuIt](#) a platform for electronics enthusiast.
- Active Member of TEDxGCT Team.
- Solopreneur and Founder of Jeevanam a project for the welfare of the people.
- Active member of SAE India and International