

HARSHAL ASHOKAN

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Summary

I am a fresh engineering graduate from Cochin University of Science and technology, A creative and quick- thinking individual with a strong inclination towards software development and interested in machine learning.

Experience

GOLDMAN SACHS

- Virtual Internship 09/2022 — 09/2022
- Experience what it's like to work in the Engineering division at Goldman Sachs.
 - Gained skills in basic cryptography, password cracking, and password best practices .
 - Used HashCat to crack passwords.
 - Developed critical engineering skills.

INTERNET OF THINGS -IIT BOMBAY & CUSAT

- IOT-Workshop 02/2019 — 02/2019
- Developed a Robot and controlled using smartphone.
 - Arduino micro-controller and programming.
 - Learned about how sensors are connected to the hardware platform and how the hardware platform fetches data from sensors.

Skills

- C++, C++11, OOP, STL,Multi-threading.
- Python ,numpy,pandas.
- Java
- Oracle MySQL.
- MatLab.
- HTML,Css,ReactJS
- Github.
- Excel,MS Office
- Linux

Education

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY, Kochi, India
B.Tech in Mechanical Engineering (First Class)

08/2018—06/2022

Additional

- Fluent in English,Malayalam
- Project leader,solved many challenging engineering problems in Industry.

Projects

- 1.**Maze Runner** (First person view) - C++ :Console application ,3D engine using ASCII unicode which allows to provide differents shades and illusion.
 - 2.**Banking Application** - C++ : A banking app with CRUD functionalities.
 - 3.**A simple Monte Carlo model** - C++ :A model used to predict the probability of a variety of outcomes of random variables.
 - 4.**Weather App** – Python : Weather App developed using Open weather API.
- Hobbies : Tech, Finance, Trading, Fashion, Gaming, Cycling, Travelling.