

James Tom

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Bangalore, India

Summary

An ardent Robotics engineer passionate about artificial intelligence and building intelligent machines/models. My professional goal is to work in a positive environment, learn, grow and prove my potential in the field of Machine Learning/ Datascience/ Robotics.

Education

Bachelor's degree in Robotics

School of Engineering and Technology, Jain University • Bangalore, Karnataka

07/2022

Graduated with Gold-Medal. Secured 9.0/10.0 GPA

Experience

Programmer Analyst Trainee

Cognizant • Bangalore, Karnataka

08/2022 - Present

Modern Data Engineering Team

Big Data Intern

COGNIZANT • Bangalore, Karnataka

02/2022 - 06/2022

Learnt about frameworks and tools like Hadoop, Hive, Scoop, Spark etc.

Machine Learning Intern

Inventeron Technologies • Bangalore, Karnataka

01/2019 - 02/2019

Learnt about training basic models, python libraries like numpy and scikit-learn.

Skills

Robotics, Machine Learning, Control Theory, Python, Linux, Open CV, SQL, C/C++, Java, Hadoop, Spark

Projects

Animatronic Robot Head with Perception and Emotion capabilities

Linux, TF-lite, Digital electronics and microcontrollers, Jetson Nano, CAD, 3D printing, Modeling and Assembly.

Computer Vision based Autonomous Vehicle (using Nvidia's Semantic Segmentation and an AI control Thread)

Linux, Open CV, Pytorch, Nvidia Cuda, CNN, Microcontrollers.