SAMUEL JOSEPH

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Vanagaram, Chennai, IN.

Profile

I'm a quick learner with good analytical and problem solving skills. As an aspiring engineer, I'm interested in the space of Automation and Computer Vision.
DOB: 17th July, 2001.
Sex: Male
Nationality: Indian
Languages known: English,Hindi,Tamil.

Objective

I am currently looking for companies to intern at, to build my experience and knowledge in machine learning, deep learning, computer vision and automation.

Education

B.Tech in Artificial Intelligence & Machine Learning (2020-24)
CGPA: 8.31
Rajalakshmi Engineering College, Chennai.

Diploma in Mechanical Engineering (2017-2020)
Score: 94.2%
CPAT-TVS, Vanagaram, Chennai.

10th Class (2016-2017)
Score: 92.1%
St. Mary's Convent School, Agra.

Project Work

Time Table Website (2023)

- Created interactive time table where students also have features to generate automatic letters for leave and OD.
- Notification Updates done by staff members.

Technologies used:

- HTML, CSS and JS

Tyre Detection and Tracking (2022)

- Detecting Tyre Jams in conveyor for apollo tyres.
- Pretrained DL models are used to train the model.

Technologies used:

- Pandas, NumPy .
- Tensorflow, Keras, VGG16, YOLO V8

Internships

WABCO INDIA PVT LTD (Dec 2018 - May 2019)

- Research & Development Member Intern
- Worked in testing and designing team for Foot Brake Valves.

BGR NEO LTD (Jul 2020 - Feb 2021)

- Automation Engineer Intern
- Worked in testing and designing team for Foot Brake Valves.

Technical Skills

- Python, Java, Java Script, C and embedded C.
- Full Stack Development
- Image Processing Skills for Computer Vision
- Machine Learning and Deep Learning.

Certifications & Courses

S.No	Course	Offered By
1.	AWS Cloud Practitioner	AWS
2.	SOLID WORKS Associate	SOLID WORKS
3.	IOT and Industry 4.0	NPTEL

Participation in Hackathon

S.No	Hackathons	Offered By
1.	Hackmegaddon_23	REC
2.	Conocithon_23	IEEE
3.	Hackathon_22	Velammal