

Mohamed Javid

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OBJECTIVE

learn the current state of the art in a creative and open environment, then identify the necessary process to expand on current knowledge, and prove the existence of the first cause.

EDUCATION

SRM UNIVERSITY

M.TECH IN ROBOTICS

Grad. May 2015 | Chennai, India
Cum. GPA: 7.29 / 10.0

ANNA UNIVERSITY

B.E IN MECHANICAL ENGINEERING

Grad. May 2013 | Tamil Nadu, India
Cum. GPA: 6.83 / 10.0

LINKS

LinkedIn:// smj-javid
Twitter:// @smj_javid
Facebook:// smj.javid

COURSEWORK

POSTGRADUATE

Kinematics and Dynamics of Robots
Robot Programming
Artificial Intelligence for Robotics
Robot Vision
Robotic Sensors

UNDERGRADUATE

Engineering Graphics
Engineering Mechanics
Kinematics and Dynamics of Machinery
Manufacturing Technology
Engineering Thermodynamics
Finite Element Analysis
Automobile and Power plant Engineering

SKILLS

PROGRAMMING

PLC • Ladder Diagram • Matlab
FBD • C • C++ • Python • Embedded C

SOFTWARE

KUKA Sim LAYOUT • Solidworks • DCS
AutoCAD • SCADA • PAC • HMI • VFD

LANGUAGE

Tamil • Urdu • English • German
Japanese

EXPERIENCE

REDD ROBOTICS | ASSOCIATE ENGINEER, RESEARCH AND DEVELOPMENT

Nov 2015 – Present | Chennai, India

- Design, Fabrication, Assembly, and Testing of 3D Printers.

REDD ROBOTICS | ENGINEERING INTERN

Aug 2015 – Oct 2015 | Chennai, India

- 3D Printer Designer.

PROJECTS

CHOCOLATE 3D PRINTER

Jun 2016 – Jul 2016 | REDD Robotics, Chennai, India

Based on the same principals of additive layer manufacturing and plastic printing the chocolate printer is designed to provide the best possible results when printing in chocolate.

BIO 3D PRINTER

Mar 2016 – May 2016 | REDD Robotics, Chennai, India

Utilizes the layer-by-layer method to create tissue-like structures using bio inks.

DESIGN AND FABRICATION OF AN OUTDOOR QUADCOPTER

Jun 2014 – May 2015 | SRM University, Chennai, India

An autonomous quadcopter is designed, fabricated and programmed to recognize, track and follow objects/human using vision based techniques.

DESIGN AND IMPLEMENTATION OF DEBURRING TOOL AND HOLDER

Jan 2013 – May 2013 | Anna University, Tamil Nadu, India

A tool is designed in half trapezoidal shape of 35 degree in angle and it is attached to the drilling machine holder to remove the burr's that are formed during drilling process.

TRAINING

POST GRADUATE DIPLOMA IN INDUSTRIAL AUTOMATION

Technocrat Automation, Chennai, India

Hands on practical experience in Industrial Automation Tools specializing in PLC, DCS, SCADA and VFD.

ADVANCED ROBOT PROGRAMMING IN KUKA ROBOTS

AKGEC-KUKA Robotics, Ghaziabad, U.P, India

Structured programming, Variables and declarations, Subprograms and functions, Data manipulation, Program execution control, Automatic external functions

BASIC ROBOT PROGRAMMING IN KUKA ROBOTS

AKGEC-KUKA Robotics, Ghaziabad, U.P, India

Offline Programming, Online Programming, Robot mastering and Tool calibration

PUBLICATION

DESIGN AND FABRICATION OF AN OUTDOOR QUADCOPTER

International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 10, Number 8 (2015) pp. 20703-20713