A.N.Abishek

No.14, N.S.K Nagar, (1st Street,Bashyam Nagar), Chromepet, Chennai, India.
+91-7200483919 | anabishek@gmail.com | Github - AbishekNavukkarasan | Linkedin - AbishekNavukkarasan

Education

B.E, Mechanical Engineering / Sri Sairam Engineering College
6.55 CGPA - August 2014 - May 2018

Higher Sec. Certificate / Zion Matriculation Higher Sec. School
66.75% - March 2014 - Selaiyur,Chennai

Secondary School Certificate / Zion Matriculation School
79.2% - April 2012 - Sembakkam,Chennai

Experience

R&D Intern / Lema Labs Technologies Pvt. Ltd.

December 2017 - Present, Chennai

Develop and design Robotic kits from concept and proof of principles to specifications and implementation. Coordinate with internal or external engineering teams on new designs and capability improvement and validation.

Project Intern / RapidFab 3D Engineering Solutions Pvt. Ltd.
January 2018 - May 2018, Chennai

Development of SCARA Robotic arm 3D Printer; working from initial concept and design to production phase, machining, prototyping, testing and release.

R&D Hardware Intern / Rent&Make Virtual Makerspace
July 2017 - December 2017, Chennai

Researched, Designed, Developed and Optimised Open source hardwares. Was responsible for managing and deployment of 4 major products to customers. Created and managed fabrication budgets and operating specifications.

Team Lead / Team Algol
August 2016 - December 2016, Chennai

Led a cross functional engineering team in the design and implementation of a precision device capable of identifying the existence of life on the lunar surface.

Courses

Kaizen Robotics Program / Lema Labs Technologies Pvt. Ltd.
July - August 2016, Chennai
Robotics developing using embedded C.

CAD Using CATIA / AU-FRG Institute for CAD/CAM, Anna University
December 2015, Chennai
Computer aided Designing course using CATIA.

Skills :

Design and Analysis :

Dassault Systèmes:
  CATIA, SolidWorks
AutoDesk:
  AutoCAD, Fusion 360

Analysis:
  Simscale, Ansys

Projects:

SCARA Robotic Arm 3D Printer
Final Year Project
December 2017 - Present, Chennai

Lab2Moon
Team Algol/ Team Indus
August 2016 - December 2016, Chennai

Programming Langauge :
  C : Basic
Embedded C : Intermediate

Document Management:
- MS Office(Word, Powerpoint, Excel)

- Google Docs, Sheets, Slides

Infographics:
Adobe Photoshop : Basic

Videographics:
Adobe Premiere pro : Intermediate

Autonomous Tractor
Autodesk India Design Week
November 2017 - December 2017, Chennai

Improvised Prusa i3 3D Printer
Design and Fabrication Project
December 2016 - March 2017, Chennai

Extra-Curriculars:

- NCC "C" Certified as of September 2017
- Student Ambassador of Kurukshetra 2k17
- Participated and Won prizes in several National level Symposiums and Student Conventions.
- Public Relations Head and Web Developer of Mars2k17, 19th National Level symposium conducted by the department of Mechanical engineering, Sri sairam Engineering College.
- Active Participation in Workshops and meetups of Local online communities, related to IoT, 3D Printing, Makerspace, AI/Machine learning.
- Was one of the finalists of Autodesk India Design week 2017 competition.

Areas of Interest:
- ★ Robotics
- ★ Machine Learning
- ★ Internet of Things
- ★ 3D Printing
- ★ Space technologies

Personal Details:

DOB: 19-08-1996
Languages known: English, Tamil.