

Knox Marshall

MECHANICAL MAINTENANCE ENGINEER



CONTACT

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- in <https://www.linkedin.com/knox>

SKILLS

- Designing and modelling using SOLID WORKS
- Optimizing using Artificial neural networks
- Optimizing using ANFIS fuzzy logics
- Programming using C language
- Lotus Engine simulation
- Analysis using ANSYS
- Writing G codes and M codes in CNC part programming
- MS OFFICE

LANGUAGES

- English
- Hindi
- Telugu

SUMMARY

I am a mechanical graduate willing to assist a stable and thriving company in achieving its mission and goals by being able to continuously learn and improve the necessary skills and knowledge needed to help push both the company and myself forward into success.

EXPERIENCE

Mechanical Maintenance Engineer

Estes Express Lines *Jun 2017 - May 2018*

- Frequently diagnosed mechanical problems and determined how to correct issues
- Recommended design modifications to eliminate machine and system malfunctions
- Developed and coordinated effective predictive, preventive and corrective maintenance approaches

EDUCATION

Matriculation

St. Marks Public School *Apr 2010 - May 2011*

Achieved **93%** in matriculation

Bachelor of Technology(Mechanical Engineering)

New York Institute of Technology *Jul 2013 - Mar 2017*

- Awarded Distinction
- Graduated with **8.92** GPA
- Member of AME (association of Mechanical engineer) hub
- Participated in One day training course for Hackthis Workshop organized by HMD CUBES
- Participated in the BI PLANE Workshop in SANKETA 2K15 Organized by Aeroatrix
- Participated in the RC CAR Workshop in the Slate Program Organized by Skifi Labs
- Presented a paper on **Six stroke engine with dual fuel technology** Organized by TECH EUPHORIA 2K16
- Assisted Prof P.V Gopal raju on Lathe Retrofitting(Converting an Engine lathe In to Partial CNC Lathe)
- Secured a Merit Certificate on RC car Project
- Professional development completed in **Thermodynamics,Fluid mechanics and Manufacturing**

Master of technology(Automotive Engineering)

California Institute of Technology *Jun 2018 - Present*

- Qualified GATE 2018 with 55 marks
- Current **GPA 9.4**
- Professional development completed in **IC engines**

PROJECTS

PREDICTION OF WIRE-EDM MACHINABILITY CHARACTERISTICS OF INCONEL 800 USING NEURAL NETWORKS AND ANFIS

Project Lead *Nov 2016 - Mar 2017*