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CURRICULUM VITAE

Charles

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**CAREER OBJECTIVE**

Seeking a challenging and rewarding entry level Design, Manufacturing, Mechanical Engineer position in a growth-oriented organisation, which offers diverse job responsibility in Mechanical engineering and will fully utilise both my Technical and Managerial abilities.

**EDUCATION**

* Completed B.Tech in Mechanical Engineering from Cochin University of Science and Technology, in 2017
* Passed Senior School Certificate Examination from Central Board of Secondary Education in 2013.
* Passed Secondary School Examination from Central Board of Secondary Education in 2011.

**PROFESSIONAL TRAINING**

Had professional training in designing and analysis software’s like AutoCAD 2D, Ansys Workbench, Catia V5.

**SUBJECTS OF INTEREST**

* Automobile
* 2D and 3D designing using AutoCAD, Catia

**PROJECT**

***Experimental case study of cascade refrigeration system using******alternative refrigerants***

Overview: Experimental evaluation of an R134a/R170 cascade refrigeration plant designed for low evaporation temperature in commercial applications.

Technical approach: Literature study was conducted and this knowledge was used to design and fabricate a cascade refrigeration system with refrigerants R134a & R170.

Key findings: The R134a-R170 is the best pair of refrigerants compared to others, as this system can be used for obtaining lower temperatures more effectively and is eco-friendly.

* *Presented the academic project at national conference conducted by College of Engineering Adoor.*

**SEMINAR PAPER**

Topic: ***Modernization of the turbocharger lubrication system of an internal combustion engine***.

The seminar was based on the above paper, which discusses how to improve the operational reliability of engine turbochargers by its lubrication. We could see that by proper lubricating methods the turbocharger failure rates are reduced, improving the turbocharger and engine life.

**STRENGHTS**

Quick learner, Team Player, Adaptive, Trust Worthy, Honest, Friendly, Hard working

**WEAKNESS**

I prefer to deliver effective project, due to which I am not time conscious.

**HOBBIES**

* Reading, football, Music, Movies, Drawing

**PERSONAL DETAILS**

Date of birth - 31/05/1995

Gender - Male

Nationality - Indian

Visa Status - Visit Visa

Marital status - Unmarried

Languages Known - English, Malayalam (Read, Write, Speak)

 Hindi (Speak)

 Tamil (Speak)

 Computer Proficiency - Microsoft office

 (PowerPoint, Word, Excel)

 Email, Social Networks,

 Basic knowledge of C++

**DECLARATION**

I hereby declare that the above-mentioned information’s are true to my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.