Suryanarayanaraju Pusapati

Research Student

Acquiring advanced knowledge in Industrial Systems Engineering and applying innovative technologies has been the dream I have fervently and continually wanted to fulfill since I entered the field of mechanical engineering. My lifetime ambition is to pursue a challenging career in Industrial Engineering, focusing on Technological Innovations and Data Analytics.

Work History

Nov 2020 – Current

Research Internship

Ericsson, Canada
I am researching optimizing 5G Network systems with the help of Network Simulators and Machine Learning.

Jan 2022 – Apr 2022

Teaching Assistant

University of Regina, Canada

Sep 2021 – Dec 2021

Graduate Teaching Assistant

University of Regina, Canada

Sep 2020 – Dec 2020

Graduate Teaching Assistant

University of Regina, Canada

May 2020 – Aug 2020

Teaching Assistant

University of Regina, Canada

May 2019 – Aug 2019

Service Manager Trainee

RV Motors, Vizianagaram, AP, India
I was trained as a Service Manager. My duties include:

- To schedule work for the mechanics.
- Inspecting the work progress.
- Serve a better customer experience.

Apr 2018 – Jun 2018

Student Internship

GVK Power Plant, Jegurupadu, AP, India
We, as a team, explored and learnt all internal operations of the combined cycle power plant. In this

Contact

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Software

Python

MatLab

Linux

C++

Skills

Microsoft Office

Computing Skills

Tutoring

Jupyter Notebook

power plant, energy generated from gas turbine and heat recovery steam turbine are combined to get the power of 228 mega Walt. The detailed calculation of the cooling tower performance of the power plant was included in our internship report.

Education

Jan 2020 – Current

Master of Applied Science: Industrial Systems Engineering

University of Regina - Regina, SK
- GPA 88.2/100
- Minored in Data Science
- Working on Thesis entitle 'Extraction of feature selection with Machine Learning techniques for Network traffic prediction.'

Jul 2015 – Apr 2019

Bachelor of Technology: Mechanical Engineering

Gayatri Vidya Parishad College of Engineering (A) - Vishakhapatnam, AP, India
- Graduated with 8.06/10 GPA

Project: Design and fabricate a radio-controlled mini rover with audio-visual sensors.

Certifications

Current

iNeuron.ai course "Full Stack Data Science Bootcamp."

Sep 2020

Udemy course "Statistics for Data Science and Business Analysis."

Jul 2020

Udemy course "Python for Data Science and Machine Learning Bootcamp."

Hobbies

Micro-controller programming.