

# 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

Sep 2022 –  
Dec 2022  
(Current)

### Teaching Assistant

University of Regina, Regina, Canada  
Course ENGG 140

Nov 2020 –  
Aug 2022

### Research Internship (Remote)

Ericsson, Montreal, Canada  
Research optimizing 5G Network systems using Network Simulation tools and Machine Learning.

Jan 2022 –  
Apr 2022

### Teaching Assistant

University of Regina, Regina, Canada  
Course ENGG 100

Sep 2021 –  
Dec 2021

### Graduate Teaching Assistant

University of Regina, Regina, Canada  
Course ENIN 331

Sep 2020 –  
Dec 2020

### Graduate Teaching Assistant

University of Regina, Regina, Canada  
Course ENIN 331

May 2020 –  
Aug 2020

### Teaching Assistant

University of Regina, Regina, Canada  
Course ENGG 100

May 2019 –  
Aug 2019

### Service Manager Trainee

RV Motors, Vizianagaram, India  
Trained as a service Manager in an auto service



## Contact

### Address

Regina, SK, Canada

### E-mail

contact@suryapusapati.com

### WWW

<https://suryapusapati.com>



## Software

Python

MATLAB

Linux

C++



## Skills

Microsoft Office



Computing Skills



Tutoring



Jupyter Notebook



center.

Apr 2018 –  
Jun 2018

## Student Internship

*GVK Power Plant, Jegurupadu, India*

Analyzed the performance of the cooling tower of the combined cycle power plant.



## Education

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Jan 2020 –  
Dec 2022  
(Expected)

## Master of Applied Science: Industrial Systems Engineering

*University of Regina, Regina, Canada*

- GPA 88.2/100
- Minor in Data Science
- Currently working on Thesis: Extraction of feature selection with Machine Learning techniques for Wireless Network traffic prediction.

Jul 2015 –  
Apr 2019

## Bachelor of Technology: Mechanical Engineering

*Gayatri Vidya Parishad College of Engineering (A),  
Vishakhapatnam, India*

- GPA 8.06/10
- Project: Design and fabricate a radio-controlled mini rover with audio-visual sensors.



## Certifications

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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

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Micro-controller programming.