

Sai Krishna Dandamudi

DATA SCIENTIST

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Data Scientist with strong math & statistics expertise with an educational background in Aerospace/Astronautics and four years of professional experience as an Engineering Project Manager solving challenging business problems. I am a continuous learner, highly passionate about Machine, and Deep Learning domains.

EXPERIENCE

Engineering Project Manager | Hematite, Inc.

JUN 2018 - JUN 2020, DAYTON, OH | GUELPH, ON

- Led New Product Design and Developments, Capital equipment purchase initiatives of over USD 10M.
- Assisted in engineering, design, and technical support for the New Model Launch Projects as well as act as SME for the projects.
- Liaised between cross-functional teams to ensure timely delivery of the project deliverables.
- Recorded all Research & Development work per project and reported for SR&ED claims

Technical Project Manager (NPI) | Industry Products Co.,

OCT 2016 - JUN 2018, PIQUA, OH

- Designed and developed Aerodynamic components for Toyota, Honda, Ford, GM, and Chrysler using CAD packages.
- Implemented Continuous improvement projects, which led to USD 350,000 in savings annually.
- Conducted weekly and monthly project review meetings with the management, customers, and key stakeholders.

EDUCATION

BrainStation | Diploma Candidate, Data Science

JUN - SEP 2020, VANCOUVER, CA

The University of Dayton | Master of Science, Aerospace Engineering

JAN 2014 - MAY 2016, DAYTON, OH

SKILLS

Databases: SQL

Programming: Python, R, MATLAB

Statistics: Hypothesis Testing, A/B tests, Regression

Data Visualization: Tableau, Matplotlib, Plotly, Bokeh, Seaborn

Neural Networks: Tensorflow, Keras, Pytorch

Big Data: AWS, Hadoop, Spark, Hive

Machine Learning: Supervised and Unsupervised Learning

Deployment & Development Tools: GitHub

Project Management: Jira, MS Project, Odoo, Trello

PROJECTS

bIXI Montreal - bike-sharing system | Data & Visual Analysis

US presidential elections | Data Cleaning, Analysis, and predictions using Statistical Modeling.

Hotel Reviews | Natural Language Processing, Machine Learning

Big Data Wrangling | Google Books Ngram

Detection of Covid-19 through X-rays | Neural Networks (CNN)