



Lee Santos

Jr. Data Scientist

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GENERAL SKILLS

- ❖ Data Visualization
- ❖ Data Preprocessing
- ❖ Data Analysis
- ❖ Machine Learning
- ❖ Deep Learning

TECHNICAL SKILLS

-  Windows, MacOS
-  MongoDB, Postgres
-  Python, SQL, CLI (Linux)
-  Docker, AWS
-  VSCode, Jupyter, Google Collab

CERTIFICATES

Data Science Bootcamp

Lighthouse Labs, April to June 2022

EDUCATION

B.A.Sc. Civil Engineering

Western University, 2008 to 2012

PROFILE

Project coordinator with 8+ years of experience in fast-paced, high-stress construction environments managing material procurement, production scheduling, and design takeoffs. Also implemented and enforced on-site safety protocols resulting in consistently clean safety records.

TRANSFERRABLE SKILLS

- ❖ Ability to adapt to novel situations and think quickly
- ❖ Self-taught technical skills relating to construction management
- ❖ Adept inter-disciplinary communicator
- ❖ Strong desire to learn

DATA SCIENCE PORTFOLIO

Flight Delay Prediction using Machine Learning

Lighthouse Labs, May 2022, Midterm

- ❖ Build model to predict flight delays using 2019-2020 flight records
- ❖ Incorporated data visualization, analysis, and preprocessing
- ❖ Used classification to identify delay or no-delay on new data
- ❖ Used regression to predict delay time in minutes

Video Tagging using NLP and Convolutional Network Model

Lighthouse Labs, June 2022, Capstone

- ❖ Develop a neural network incorporating both convolutional algorithms and topic modeling to recognize and tag video content

WORK EXPERIENCE

Project Coordinator, General Contractor

Four Seasons Site Development, March 2014 to present