Contact

nielspace26@gmail.com

www.linkedin.com/in/nielspace
(LinkedIn)
github.com/Nielspace (Portfolio)
www.kaggle.com/nielspace
(Portfolio)
perceptronai.net (Company)

Top Skills

Python

Adobe Illustrator

Adobe Photoshop

Languages

Hindi (Native or Bilingual)

English (Full Professional)

Certifications

Python Programming

Data Science Foundation

Neural Networks and Deep Learning

Publications

Style Transfer with Deep Learning

Building a Decision tree regression
model from scratch

Understanding Gradient Descent

Nilesh Barla

Founder @Perceptron AI

Bengaluru

Summary

I read and think a lot. And sometimes I put them in a form of a
painting or a piece of music. And when I need to catch a breath I go
for a run.

Experience

Perceptron AI
Founder
April 2020 - Present (5 months)
Bengaluru, Karnataka

Perceptron Basically means "a computer model or computerized machine
devised to represent or simulate the ability of the brain to recognize and
discriminate."
We build models that can help you to find patterns in the most complex data
structure and visualise them such that it is presentable and interpretable.
Creating a strong visual appeal is essential, and our Image Design services
can play an integral role in successfully promoting every business. From the
initial concept to the final product, we work hard to bring my clients' visions to
life.
Perceptron is not only a Data Visualisation company but also a training
company where we teach Machine Learning algorithms to understand the
data.

mathsucks!???
Content Creator | Youtube
March 2020 - Present (6 months)
India

I create YouTube for anyone who wants to learn Artificial Intelligence and
Maths, via python--a scripting language.

Genesis Trainings
Chief Technical Officer | Artificial Intelligence Engineer and Data
Scientist
March 2019 - April 2020 (1 year 2 months)

Genesis Training is a training based start-up looking forward to equip people with the knowledge and skills of AI and Deep learning along with some other technologies.

I look after the business model of the company in terms of function and help in making the functional pipeline for the profitable and influential growth both in terms of ethics and business.

My main work is to train and coach people on technologies like Artificial Intelligence, Deep Learning, Python, HTML, CSS, JavaScript, and Django and provide quality understanding for the same so that they can be thoroughly aware of the knowledge, application and scope that these technologies provide.

Edureka
Sales Manager
December 2018 - March 2019 (4 months)
Bangalore

Rubixe
Data Scientist
May 2018 - December 2018 (8 months)
Bengaluru Area, India

Working in data-science and big-data problems/projects across various domains. My projects includes:
• Visualisations
• Exploratory Analysis
• Predictive Analysis using various machine-learning tools
• Supervised and Unsupervised Learning
• Recomendations System

One of the projects that really shaped my ML skills was Stock market analysis and prediction. I was very much indulge about the project we I have undertaken and I wanted to learn more about the various techniques which included Generative Adverserial Nets. Even though I wasn't able to crack the technique behind it, I was able to solve the problem with other ML

techniques like Fourier transforms for trend analysis, ARIMA time series analysis, Heteroskedasticity, multicollinearity, serial correlation, XGBoost and LSTM. I even used PCA to look at the patterns under the hood.

This project was very inspiring to me and it even showed what we can do through ML to understand and interpret the data as well to build a recommendation system for them.

Mettle - NIT Trichy
Design Head
July 2016 - January 2017 (7 months)
Tiruchchirappalli Area, India

Mettle is annual symposium conducted by the department of Metallurgical and Materials Engineering, NIT, Trichy.

The goal was to designed:

• Logo for the year 2016-2017
• Publicity brochures
• Posters
• Stage backdrop
• Website UX
• Event timelines
• Magazine.

The magazine design was in such a way that each topic design differed from another. It was fun to read and learn.

Tata Steel
Intern
May 2016 - July 2016 (3 months)
Jamshedpur Area, India

Summer Intern | Reducing the number of poor wind acceptance in I blast furnace

---

Education

National Institute of Technology Tiruchirappalli
Bachelor's degree , Metallurgical and Materials engineering · (2013 - 2017)

Karunya Residential International Mat. Hr. Sec. School

Maths, Physics, Chemistry, Computer science · (2011 - 2013)