Gokulakannan Sakthivel

B.Tech. | NIT Rourkela

Final Year, Chemical Engineering
DOB: 03 September 1999
Contact: +91 7397471507
Email:gkannan.sakthi03@gmail.com

Education

2018-2022
B.TECH., CHEMICAL ENGG.
NIT Rourkela
CGPA : 8.17/10

May 2017
INTERMEDIATE
Chinmaya Vidyalaya(E.M.), Rourkela
Percentage: 94.0%

May 2015
MATRICULATION
Christ Insternational School, Kolar
Percentage: 87.33%

Links

Website:// **zealous-clarke-8178e5.netlify.app**
LinkedIn:// **gokulakannan-sakthivel**
Github:// **GokulParzival**

Skills

PROGRAMMING LANGUAGES
Python, MATLAB , Java(Basics)

OPERATING SYSTEMS
Windows, Linux(Ubuntu)

CLOUD PLATFORMS
Google Cloud Platform, AWS, IBM Watson,
DigitalOcean

SOFTWARES
Adobe Illustrator, Photoshop, Indesign

LIBRARIES AND FRAMEWORKS
Pandas, Numpy, Tensorflow, Matplotlib
Seaborn, Flask, Scikit-Learn

LANGUAGES
English, Tamil, Hindi

HOBBIES
Technology Exploration,Badminton
Graphic Designing, Multilingualism

Work Experience

2021-2022 **Machine Learning researcher, NIT Rourkela**   **Intern**
Topic: Btech Thesis   **Aug-May**
- Developed 4000 rows of VLE data from 50+ research articles.
- Machine learning and Deep learning models with 95% and 87% accuracies were modelled from scratch.

2021-2022 **NLP researcher, University of California Irvine**   **Intern**
Topic: Genome Prediction   **June-Jan**
- Investigated Deep Learning models for predicting cancerous transcription in genomes

2021-2021 **Deep Learning researcher, IIT Madras**   **Intern**
Topic: Polymer Phase Transition Prediction   **May-Aug**
- Utilized PCA to attain an accuracy of 90-95% in predicting the critical temperature of phase transition of polymers.

2021-2021 **Associate Data Scientist, Profond AI**   **Intern**
Topic: Data Science Applications   **Jun-Aug**
- Developed deep learning model with accuracy of 85-90% to predict offensive languages in texts.

2020-2021 **ML and DevOps, iNeuron**   **Intern**
Topic: HealthCare Premium Predictor   **Sep-Mar**
- Constructed Machine Learning pipelines, ameliorated models for better predictions (95-98%)
- Deployed the web-based application on DigitalOcean Cloud.

2020-2021 **Deep Learning researcher, ISRO**   **Intern**
Topic: Geo-spatial data Analysis   **Jun-Feb**
- Built a deep learning architecture that predicted the land use and cover of a satellite image with 80-85% accuracy.

Achievements/Certifications

June 2020 **IBM Data Science Specialization**   **Coursera**
IBM - 9 Sub courses

Jun 2020 **Deep Learning Spec.**   **Coursera**
Deeplearning Ai - 5 Sub courses

Apr 2020 **Data Engineering with Google Cloud Spec.**   **Coursera**
Google Cloud - 6 Sub courses

Extra Curricular Activities

2019-Now **Mentor, Institute Counselling Services**   **ICS**
Mentoring and guiding college freshman to become accustomed to the NIT Rourkela's culture and atmosphere