

Contact

gayu1083@yahoo.com

www.linkedin.com/in/dr-gayathri-nagarajan-9ab195189 (LinkedIn)

Top Skills

Data Science

Machine Learning Algorithms

Python (Programming Language)

Languages

Tamil (Native or Bilingual)

Kannada (Elementary)

German (Limited Working)

English (Professional Working)

Hindi (Limited Working)

Certifications

Programming with Python for data science

Exploratory data analysis

Manipulating data frames with Pandas

Cleaning data using python

Introduction to Python

Honors-Awards

Young woman educator and researcher

Best researcher in Data analytics

Publications

A survey on tying data to geographic locations in mobile – disconnected networks using boomerang protocol

A hybrid of whale optimization and late acceptance hill climbing based imputation to enhance classification performance in electronic health records

A novel approach for detecting hacking using data mining techniques

Dr. Gayathri Nagarajan

Data science Consultant

Bad Vilbel, Hesse, Germany

Summary

A data scientist exploring datasets, creating models and deriving insights from them. Works published in high impact scopus indexed TR journals with Elsevier, Springer. An online mentor for data science. A recipient of "Young woman researcher and educator" awarded by National Foundation of Entrepreneurship and Development and a recipient of "Best researcher in Data Analytics" awarded by Rula academy. Speaker in data science domain. A member of World Research Council. Working on freelancing data science projects. Also a technical interview panel member in private employment consultancies to hire data scientists and ML engineers. I also conduct one-one private customized classes for graduates and corporate professionals who wish to move or switch to the data science and ML stream.

Experience

Freelancer

7 years

Panel member for Datascience, ML AI

2024 - Present (less than a year)

Works with private employment consultancies as a technical interview panel member for hiring data scientists, ML engineers.

Data Scientist

2017 - Present (7 years)

A data scientist exploring datasets and deriving insights from them. Works on different freelancing projects across different sectors.

Private data science mentor

January 2022 - Present (2 years 11 months)

An online data science and ML mentor.

A hybrid feature selection model based on improved squirrel search algorithm and rank aggregation using fuzzy techniques for biomedical data classification

Feature engineering by a Brain-Computer progressively interactive Simulated annealing on Random Forest for Health data analytics

We offer personalized one - one online sessions for students and corporate professionals in the field of data science and machine learning. We do provide consultation services for corporates.

<https://gayu1083.wixsite.com/datasciencemadeeasy>

Springboard

Data science mentor

January 2020 - 2022 (2 years)

Mentor for the 'Data science career track' course designed for corporate professionals for transition into data science. Also a mentor for 'career initiative program' for a Data scientist.

Vellore Institute of Technology

Researcher in Machine learning(Ph.D)

July 2016 - 2021 (5 years)

India

Effective techniques to improve the performance of Predictive models in biomedical data analytics.

MVJ College of Engineering, Bangalore, India

Asst professor

2011 - 2016 (5 years)

India

Handled core subjects such as DBMS, Data structures, Analysis and Design of Algorithms, Software engineering, Data mining, programming languages such as C, C++, C# etc for computer engineering students. Have experience in developing software for automation of certain processes in the institution.

Yokogawa

Software Engineer

May 2007 - August 2010 (3 years 4 months)

Singapore

Worked with C++, C#.Net and SQL on projects related to industrial automation. Worked both in server and client side. Developed UI designs. Experience in using agile methods for development. Have experience in executing test cases, using memory leak, code coverage tools, source control tools etc.

Tata Consultancy Services

Software Engineer

2006 - 2007 (1 year)

India

Worked with mainframe. Experience in COBOL, JCL etc.

Education

VIT_Vellore Institute of Technology , India

Ph.D, Machine learning · (2016 - 2021)

Shanmugha Arts, Science, Technology and Research Academy ,
India

M.tech, Advanced computing · (2004 - 2006)

University of Madras, India

B.tech, Information Technology · (2000 - 2004)