



Methun George

MSc Life Science Informatics

Bachelor of Pharmacy

Contact Information

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GitHub: Check out my Git Repos [here](#)

About Me

Life Science Informatics student with a pharmaceutical background, adept at integrating scientific knowledge with computational skills to solve complex problems in healthcare, pharmaceutical, and bioinformatic industries. Passionate about advancing research and applying computational tools in the biological field to drive innovation and address critical healthcare challenges.

Date of Birth: May 3, 1996

Place of Birth: Kerala, India

Technical Skills

- Biomedical Data Analysis
- Python Programming, R Programming
- Software Development in R: nearspectRa
- Linux, LaTeX, Jupyter Notebook
- Tools: GSEA, DESeq2, DAVID, FireBrowse, FASTA, TopHat, STAR, STRING, R-FieldSpectra, Plantspec, PPNMR, Bioconductor
- Machine Learning:
 - Convolutional Neural Network (CNN)
 - Partial Least Square Regression (PLSR)
 - Random Forest (RF)
- Practical and theoretical expertise in microbiology, drug development (all formulations), pharmaceutical chemistry, and medicinal plants.

Soft Skills

- Strong interpersonal skills, including teamwork, collaboration, and active listening.
- Excellent problem-solving abilities, adaptability, emotional intelligence, and effective communication skills.

Work Experience

Reserch Assistant and Master Thesis

From June 2024

Leibniz Institute of Plant Biochemistry (IPB), Halle

- Currently finishing master thesis in Computational Plant Biochemistry department of IPB under the supervision of Dr. Steffen Neumann

Medical Assistant Volunteer

June 2022 - October 2022

Aicher Ambulanz Union, Bayerisches Impfzentrum, München

- Assisted healthcare professionals and contributed to efficient operations through administrative duties.

BioMedical Data Analyst

September 2021 - March 2022

Eurofins Genomics, München

- Analyzed human genomic samples for COVID-19 using q-PCR techniques on Light Cycler 480 and Bio Rad software.

- Utilized Agilent AriaMx for influenza A and B detection.

COVID-19 Test Administrator

August 2020 - January 2021

Munich International Airport, München

- Administered COVID-19 tests, prioritizing accuracy, efficiency, and patient comfort.

Clinical Pharmacist

May 2018 - September 2019

St. George Hospital Vazhakulam, India

- Optimized patient care through collaborative medication management and patient counseling.

Education

Master's in Life Science Informatics

2019 - Present

Technische Hochschule Deggendorf, Germany

Bachelor of Pharmacy

2013 - 2017

Kerala University of Health Sciences, Kerala, India

Projects Undertaken

Senescence Gene Expression Pattern in Melanoma: A Comparison Between Cell Model and Clinical Data

Technische Hochschule Deggendorf (THD).

Development of an R toolbox for Near-infrared Spectroscopy Data processing and analysis of Plant Metabolic Phenotypes

Leibniz Institute of Plant Biochemistry (IPB), Halle

German Driver License

Category: B

Languages

Malayalam: Native

English: Advanced (IELTS British Council C1 certified)

Deutsch: Advanced (Goethe B1 certified)

Tamil: Intermediate

Hindi: Intermediate