

## Sundharesan Ilangovan

Alagarknayakkanpatti, via reddyarchatram, Dindigul, Tamil Nadu, India

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### Education

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#### **Bharathiar University, Sri Krishna Arts and Science College**

Master of science, Bioinformatics

June, 2023

GPA 2.72/4

- Master's project: Insilico analysis of plant based phytochemical compounds

#### **Periyar University, K.S. Rangasamy College of Arts and Science**

Bachelor of Science, Biotechnology

August, 2021

GPA 2.64/4

### Publication

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- Human CXADR Gene – Cocksackie Virus Interaction Analysis to Identify Mutations and SNPs: An Exploratory In-Silico Approach, The Ciência & Engenharia - Science & Engineering Journal, ISSN: 0103-944X, Volume 11 Issue 1, 2023, pp: 863 – 873

### Technical skills

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|--------------|------------------|---------------------------------|
| • Python     | • GALAXY         | • CentOS                        |
| • Ubuntu     | • BASH           | • Docking & Visualization tools |
| • MS Office  | • AWS Sage maker | • Notion                        |
| • HTML & CSS | • AWS EC2        | • Machine Learning & DSA        |

### Professional Experience

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#### **Biomeitez Research & Development**

**Nagercoil, Tamil Nadu**

Bioinformatics Analyst

July, 2023 – Present

- Lead a group of 3 members to manage and work on insilico analysis on plant Phytochemicals.
- Improved the performance of Bioinformatics analysis part by directly managing the clients.
- Actively participated and contribute in Wet-lab works and results interpretations.

- Actively participate in monthly meetings to address the weakness and positive side of the Lab environment for better improvement.

**Madras Veterinary College**

**Chennai, Tamil Nadu**

Project Intern

Jan, 2023 – April, 2023

- Actively participated in the group's research work.
- Improved my individual performance in working with Ubuntu and Python

### **Certification**

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|--|-----------|
| • Certified in In-silico Molecular Modelling. Docking and Drug Designing | Jan, 2023 |
| • Genomic Data Analysis NGS CLI and GUI Udemmy Certified                 | Sep, 2023 |
| • Artificial Intelligence 2024 Udemmy Certified                          | Apr, 2024 |
| • Python for Biostatistics Udemmy Certified                              | May, 2024 |
| • NGS & WGS for Beginner   | Aug, 2024 |

### **Internship**

- Hands on internship in Proteomics techniques (TRI-BIOTECH, TRICHY).
- Internship on Drug Designing (Accent Techno Soft).

### **Personal Reference**

**Dr V N Ariharan**

**Dr Jeffrey Justin Margret**

**CEO & Senior Scientist**

**Post-Doc**

Biomeitez R&D Pvt Ltd.

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Biomeitez, North Saral, Saral Post, Nagercoil,

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