RESHMA R

CAREER OBJECTIVE

Seeking for a research based career in the field of Computational biology in an institution which helps me, for the knowledge acquisition, professional development and personal growth.

WORK EXPERIENCE

Junior Research Fellow
Jawaharlal Nehru Tropical Botanic Garden And
Research Institute
(15.02.2021 – Present)

- I am working in the project"Exploration of Banana Biodiversity and its Biotechnological Research in Nagaland"(A250)

Research Assistant
Scire Science Private Limited
(21. 01. 2020 -19. 05. 2020)

- I designed PCR primers for the research team.
- I did some molecular biology works using computational tools for the team.
- I was a trainer there. I trained bachelor and master students for using bioinformatics tools.

ACADEMIC PROFILE

M.Sc. BIOINFORMATICS
Mar Athanasios College for Advanced Studies Tiruvalla (Accredited by NAAC with 'A' grade and Recognized by DSIR, Govt. of India) (Affiliated with MG University) 2017-2019
[CGPA : 2.73/4]

B.Sc. ZOOLOGY
St.Stephens College, Pathanapuram (Affiliated with Kerala University) 2014-2017 [CGPA : 7.37/10]

HIGHER SECONDARY EDUCATION
Govt. Higher Secondary School, Pattazhy (Kerala State Board) 2012-2014

HIGH SCHOOL EDUCATION
High School, kottavattom (Kerala State Board) 2012

CONTACT

Lekshmivilasathu puthen veedu, Kuttikonam, Kunnicode P.O, Kollam ,Kerala

reshmarpillai83@gmail.com

8129899819, 859002423

www.linkedin.com/in/reshmaraveendran

PERSONAL DETAILS

Date of Birth	:	01-03-1997
Nationality	:	Indian
Gender	:	Female
Marital Status	:	Single
Father's Name	:	Raveendran Pillai M

LANGUAGES

Malayalam, English

RESEARCH INTERESTS

- Genomics
- Population genetics
- Epigenetics
- Genetic Disease Research

TECHNICAL SKILLS

- **Programming Languages** : Python
- **Web technologies** : Html, CSS
- **Database** : MySQL
- **Operating systems** : Win XP, Win 10 Linux (ubuntu, CentOS,Po)
- **Molecular Docking**
- **Primer designing**

ACADEMIC PROJECTS

- o Project on **"DATABASE DEVELOPMENT ON MEDICINAL PLANTS AND THEIR PHYTOCHEMICAL COMPOUNDS"** under the supervision of Dr.shailesh kumar and undertaken at National Institute of Plant Genome Research (NIPGR), New Delhi [2019].

- o Project on **"HISTOPATHOLOGICAL EFFECT OF ROUNDUP 41% A GLYPHOSATEHERBICIDE, ON TENOPHARYNGODON IDELLA"** under the guidance of Lt.Dr Koshi PM [2017].

OTHER QUALIFICATIONS

Completed the one month certificate course in **INDUSTRIAL MICROBIOLOGY** conducted by school of bioscience MACFAST, in collaboration with Dr. Michael Sauer, department of Biotechnology BOKU-University of natural resources and applied life sciences, Vienna from 5th January 2018 to 5th February 2018 with a score of 73%.

WORKSHOPS AND SEMINARS

- International workshop on "Whole genome assembly, Annotation, Comparative genomics, Machine learning, and Immunoinformatics" organized by Nextgenhelper, New Delhi on 25-28 July 2020.

- Workshop on "**PYTHON PROGRAMMING**" organized jointly by the Department of Computer Applications, MACFAST & KSCSTE in association with CSI and UNAI Academic Chapter of MACFAST on 24th and 25th of January 2019.

- Lecture Workshop on "*Genomics*"sponsored and supported by the Indian Academy of Sciences(Bangalore),Indian National Science Academy(New Delhi) and The National Academy of Sciences,India(Allahabad) during 15-16th November 2018.

- KSCSTE Science Popularization programme,Popular science lecture "*Curiosity in science - cockroach milk and blue fish*" by Prof. Ramaswamy S , Senior Professor Institute of stem cell biology and regenerative medicine (inStem),Bangalore on 27th September 2018.

- One day practical course in "*DNA Taxonomy and Phylogeny*"organized by the Center for Climate Change Studies at the Sathyabama Institute of Science and Technology,Chennai,India,9^{th}May 2018.

- Participated in the International Symposium "*Bioinformatica Indica*" 2018 organized by the Department of computational Biology and Bioinformatics, University of Kerala from 08th to 10th January 2018.

PERSONAL STRENGTHS

- Logical Thinking
- Creative
- Communication

DECLARATION

I, solemnly declare that all the above mentioned informations are true and correct to the best of my knowledge and belief.

RESHMA R