PUJA ROYCHOWDHURY

BIOINFORMATICIAN

CONTACT DETAILS

pujaroychowdhury@bicpu.edu.in
puja.vawsum@gmail.com
pujarc2212@gmail.com
Twitter: @pleb_talks
LinkedIn:
https://www.linkedin.com/in/pujarc98/

PERSONAL SUMMARY

I am a bioinformatics postgraduation student. I love biology, computer science, statistics, and mathematics.

SKILLS

- *Python*
- *C*
- *Java*
- *Molecular Genetics*
- *Deep Learning*
- *Algorithms*
- *Genomics*
- *Evolution*
- *Behavioral biology*
- *Neuroscience*

AREAS OF STUDY

- *Molecular genetics*
- *Cell biology*
- *Deep Learning*
- *Algorithms*
- *Genomics*
- *Evolution*
- *Behavioral biology*
- *Neuroscience*

EXPERIENCE

Lab intern

R.G. Kar Medical College and Hospital | June 2019 - July 2019

- *Diabetic neuropathy*
- *Drug making and balancing*
- *Lab animal handling and drug monitoring*
- *Working with Nerve Conduction Velocity machine*

Content writer

Vawsum | May 2017 - June 2017

- *Wrote content for the company*
- *Worked on articles to make them SEO friendly*

Reporter

The Telegraph in schools | 2016

- *Cover stories*
- *Interviews*
- *News reporting*
- *Event management*

PROJECTS

-Red Data Book: A helpful strategy in biodiversity conservation – Deals with the Red data Book and its helpfulness and significance.
Final semester project
-Microbial evaluation of different kinds of milk – Collection of various milk samples and determining the types of microbial species.
Final semester dissertation
-Survival of the fittest CNN model
Personal project
https://wandb.ai/authors/vlga/reports/Survival-of-the-Fittest-CNN-Model--VmlldzoyODA1Nzc

EDUCATION

Pondicherry University, Centre for Bioinformatics

M.Sc Bioinformatics | August 2020 - present

- *Using software like MEGA, PyMOL, GALAXY, EMBOSS, Expasy*
- *Extensive database usage like NCBI, RCSB, DDBJ, EMBL*

Swami Vivekananda Institute of Modern Science

B.Sc (honours) Biotechnology | Graduated July 2020

- *Graduated Class of 2020 Biotechnology*
- *Specialized in Biotechnology*
- *Took MOOCs in various subjects*
- *scored well for extracurricular activities*