

Shubham Singh | Resume

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Education

Academic Qualifications

- Jalpaiguri Government Engineering College** **West Bengal**
Bachelor of Technology(B.Tech) in Electronics and Communications Engineering, 2016–2020
- DAV Model School, Durgapur** **C.B.S.E.**
Class X, 87.40% 2013
- DAV Model School, Durgapur** **C.B.S.E.**
Class XII, 86.33% 2015

Notable Projects

- Research Internship Project:** 'Data Analysis of Maternal and Reproductive and Maternal Health in Asian and African Countries'
 - Worked with datasets containing the maternal and reproductive health indicators in Asian and African countries. Prepared a linear regression Model to study the trends in developing countries.
 - Studied the Bayesian optimization of statistical model prepared on the datasets using Python inbuilt packages.
 - Worked with datasets containing the maternal and reproductive health indicators in Asian and African countries. Prepared a linear regression Model to study the trends in developing countries.
 - Studied the Bayesian optimization of statistical model prepared on the datasets using Python inbuilt packages.
- Research Project:** 'Ongoing Research project on building a 169 layer convolutional neural network to predict whether a radiological X-ray is normal or abnormal based on the datasets provided by MURA implemented using PyTorch. The project requires building a convolutional neural network of 169 layers to evaluate a large dataset containing images from radiological labs and finally produce a binary output in terms of 0 and 1 for normal and abnormal image scans of x ray images'

Previous Employment

- National Institute of Institute** **Patna**
Research Internship July 2018–August 2018
I was responsible for analysing the datasets provided by the World Health organization and then create an under fitting model using the appropriate regression models and optimization techniques. The implementation of this project is based on python and its libraries.
- GeeksforGeeks**
Work From Home Internship May 2018–Present
I was responsible for writing and reviewing technical content based on data structures, algorithms and algorithm based problems in multiple languages.

Technical and Personal skills

- Programming Languages:** Proficient in: C, C++, Python, Matlab, Arduino, Also basic ability with: Assembly.
- Machine Learning Skills** Jupyter, Matlab (Advanced), Pytorch, Keras, Tensorflow.
- General Business Skills:** Good presentation skills, Works well in a team.

Courses Completed

- Applied Machine learning in Python:** Affiliated to University of Michigan
Mentor: Kevyn Collins-Thompson.
Grade Achieved: 97.4
URL: <https://www.coursera.org/account/accomplishments/verify/QEFGAAJ8WFT4>

- **Mathematics for Machine Learning: Linear Algebra:**Affiliated to Imperial College Of London.
Mentor:David Dye, Samuel J. Cooper, A. Freddie Page
Grade Achieved:98.0
URL:<https://www.coursera.org/account/accomplishments/verify/TJRPSE7L85TH>
- **Programming for Everybody (Getting Started with Python):**Affiliated to University of Michigan
Mentor:Charles Severance
Grade Achieved:94.0
URL:<https://www.coursera.org/account/accomplishments/verify/DB7K5CF9WH2M>

Interests and extra-curricular activity

- I am a "Fresher Representative" in my 2nd and 3rd years of university.I am the member of Technical Committee responsible for holding technical fests in our college.
- Avid quizzer.I was the 2nd runners up and bronze medallist in my freshman year in the quiz competition organized by the startup Me-Vero.
- I also have a knack for football having played and won at national levels in both school and university held tournaments.
- I am also a competitive coding enthusiast having an active profile on various coding platforms such as Codechef,Hackerearth.I had qualified for Google Code Jam 2018 qualification round.
- I have experience in web developing and have developed websites and worked on wordpress based sites.

References

- Website Url:sh13.github.io
- LinkedIn url:<https://www.linkedin.com/in/shubham-singh-237421148/>
- geeksforGeeks Profile:<https://auth.geeksforgeeks.org/user/ShubhamSingh29>