



Abhishek Singh

DOB: 06/01/1992

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Liverpool, United Kingdom L3 8PZ

Visa requirement: Skilled worker Visa

Require visa sponsorship in future

PROFESSIONAL SUMMARY

Budding data scientist with 1 year of experience in analysing large data sets and coming up with data-driven insights for early-stage technology companies. Passionate about building models that fix problems. Relevant skills include machine learning, problem solving, programming, and creative thinking. I am looking for opportunities in the field of data science, analytics, and ML & Artificial Intelligence. I am highly organized, motivated, and diligent, with a significant background in statistics.

WORK HISTORY

DATA SCIENTIST

BioGrad Diagnostic | Liverpool | UK

11/2021 – Present

- Experience with sales forecasting using machine learning algorithms
- Disease classification using neural networks
- Experience of bringing together data from disparate sources to address complex problems
- Regular programming for data cleaning, manipulation, and analysis
- Sound knowledge of Extract, Clean, Transform, and Load Data (ETL)
- Experience in using SQL for large datasets (SQL, power query, MS Excel)
- Cloud experience working with AWS services (S3, EC2, Athena)
- Prepare and report data to Government, following GDPR standards
- Work closely with managers, management teams, and Chief Scientific Officer to analyse data and take business decisions
- Experience working closely with developers/engineers to build-test-deploy data flow model
- Developing Scripts for inhouse data consumption (python)
- Using Data API for the data visualization and reporting

BARCLAYS - CUSTOMER CARE REPRESENTATIVE

Barclays Plc | Liverpool | UK

03/2021 – 09/2021

- Understanding Barclays' products and services, sharing new ideas of how to improve things.
- Using initiative in developing resolutions by telephone, email, SMS, chat or in person
- Being proactive, present and engaging with clients and colleagues
- Building meaningful relationships with customers

RESEARCHER (not a PHD)

09/2018 – 09/2020

Jawaharlal Nehru University | New Delhi, IND

- Worked on biological databases
- Worked on searching for structural cues from structural databases for drug development
- Biostatistics and Genetics study

PROJECT ASSISTANT

07/2018 – 09/2018

CSIR-Institute of Genomics of and Integrative Biology | New Delhi, IND

SUMMER RESEARCH INTERN

05/2016 – 07/2016

University of Delhi | New Delhi, IND

- Worked on Genetics and biological computational tools and techniques

SKILLS

Computational Skills

- **Programming**
 - Python, R (Statistical analysis)
- **Web development**
 - Html5, PHP, JS, and CSS
 - Python-flask, MySQL
- **Microsoft Office**
 - Excel | Word | PowerPoint | Power-BI

Cloud/Other Platforms

- AWS
 - S3, Glue, Athena
 - EC2, Route53
- Git
- Docker
- Linux (vim, nano)
- Databases

Soft Skills & Other Skills:

- Teamwork/ Collaboration
- Adaptability
- Critical thinking
- Problem-solving
- Communication
- Presentation
- Fast learner

EDUCATION

MASTER OF SCIENCE | Data Science and Artificial Intelligence

University of Liverpool, Liverpool, LIV

Completed: 10/2021

First class

- Recipient of the University of Liverpool's Commonwealth Postgraduate Bursary
- Currently Member of Data Science and Artificial Intelligence, CompSoc, and Genetics Society
- Coursework in Maths and statistics for AI and Data Science, Programming Fundamentals, Database & Information System, **Bioinspired Machine learning**, and Applied artificial Intelligence.
- **Learned to gather, process and present data.**

MASTER OF SCIENCE | Life Sciences with specialization in Human Genetics

Central University of Punjab, Bathinda, IND

Completed: 09/2017

With First Class

- **Dissertation work:** Characterization of noncoding RNA at AFF3 locus implicated in rheumatoid arthritis; Performed routine DNA extraction and PCR for variant detection & PCR based re-sequencing of the exons
- **Coursework includes:** Molecular Biology, Biochemistry, Genetics, Advanced Techniques in Human Genetics and Molecular Medicine, Biostatistics, Cell Biology, Human Cytogenetics and Human Biochemical Genetics, Human Physiology, Essentials of Immunology, Human Embryology and Developmental Genetics, Population Genetics and Genetic Epidemiology, Basics of Genetic Engineering, Biosafety, Bioethics Intellectual Property Rights, Genetics Disease and Therapies, Aging, Longevity and Health, and Research Methodology. These areas are gained with practical lab experiences.
- **Learned to write thesis & give effective presentation.**
- Working experience in Genetics, Molecular Biology and immunology led **development of their analytical aptitude and strong foundation.**
- **Presentation & Communication Skills**

BACHELOR OF SCIENCE | Life Sciences

University of Delhi, New Delhi, IND

Completed: 06/2014

With First Class

- Relevant Coursework includes Mathematics and Statistics, Bioinformatics, Computational Skills; **learned the fundamental of biology & chemistry, computational biology, and statistics**

ACHIEVEMENTS

- Higher Education Achievement Report (HEAR 2021) accredited Design Your Future - Enterprise Course
- Qualified National Eligibility Test for Lectureship: All India Rank-20.
- University Gold medallist for 100m Race, 4x100m Relay Race
- Qualified Graduate Aptitude Test in Engineering (GATE 2018) in Life Sciences (XL).
- Qualified Health Research Fundamental Course by National Institute of Epidemiology (2017).

SERVICE & LEADERSHIP

LEADERSHIP

- Elected as Convener and Councillor of School of Life Sciences (2019-2020)
- Class Representative in M.Sc. 2015-16
- University Football team captain (during Master 2015-2017)
- College Football team captain (2013-2014)
- Class Representative in B.Sc. 2011-2014

SERVICE

- Volunteered **Enactus Liverpool EmployABLE** project (2021)
- Volunteered at **Women Empowerment** workshop (2019)
- Volunteered at **National Service Scheme** (NSS) for 7 days Special Camp (2017)

INTERESTS & HOBBIES

- Athletics (University Gold medallist for 100m Race, 4x100m Relay Race)
- Football (Represented School, College and University in Football Championships)
- Travelling, Cooking, and Playing Games

REFERENCE

References available on request.