Bhargav Ashok Parulekar

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Objectives:

I emphasize on achieving experience in research by working in the challenging position to upgrade my knowledge. I would be honoured by utilizing my skills for solving real world problems.

Qualification:

Sr. No.	Examination/Degree	Board/University	Year of Passing	Percentage
1	M.Sc.- Applied Geography and Geoinformatics	Central University of Karnataka	2020	71.81
2	B.Sc. (Hons.)- Physics	Amity University Mumbai	2018	81.3
3	H. S. C.	Mumbai Board	2015	67.69
4	S. S. C.	Mumbai Board	2013	93.2

Strengths and Potential:

- Conscientious
- Adaptive Behaviour
- Cooperative in group work

Technical Skills:

- Programming Language – Python
- Web Framework – Django
- GIS Softwares – such as ArcGIS, QGIS, Google Earth Pro
- MS-Office (Word, Excel, PowerPoint, Publisher)
- PostGIS, GDAL, ArcPy and Basics of SQL & IBM SPSS

EXPRIENCES:

1) **Python Programmer** at *Maxgen Technologies (Jan 2021-)* End-to-End Projects based on machine learning and Django, HTML5, CSS.

2) **Dissertation Project** at *RRSC-W-ISRO, Jodhpur (Dec 2019- May 2020)*
Research work on the effect of plate-tectonic movements on anomaly detection in the ionosphere. This research was accompanied by knowledge & skills in GIS, Physics, Python Programming & Statistics. Previously experienced in GIS & Physics, I got an opportunity to explore the domain of automation using python programming with some libraries such as NumPy, Pandas, sci-kit-learn, and GIS-related python modules and libraries such as ArcPy, GDAL.

3) Internship at *Mobond Consultancy Pvt. Ltd.* (June 2019 - July 2019)
QGIS Software, PostgreSQL, PostGIS Queries and GIS related mobile app design.

4) Internship at *Scantech Laser Pvt. Ltd.* (June 2017 – July 2017)
To understand Industrial applications of LASER such as marking, cutting, mechanism involved &
various factors affecting these applications.

Exams Qualified:
- Qualified MH-SET 2021 in Geography, State Eligibility Test for Assistant Professor.
- Qualified MUPET (Dec 2021), Ph.D. entrance test conducted by Mumbai University

Certification Courses:
- 21 days Online GIS Training Program using QGIS, conducted by the Department of Geography, School of Earth Sciences, Central University of Karnataka, jointly with State Institute of Urban Development, Karnataka, India
- Learn to use Python for Spatial Analysis in ArcGIS – Udemy
- Programming for Geospatial Hydrological Applications a course of study offered by United Nations Educational, Scientific and Cultural Organization (UNESCO)
- Automating QGIS 3.xx with Python

Activities and Participation:
- National Level Live Hands on Practical RC Plane Aeromodelling 2017
- Drug Abuse Prevention Campaign as an NSS Volunteer in 2019
- Paper Presentation in 3 Day International Conference on "Recent Trends in Science, Engineering, Business Studies, Humanities & Social Sciences" in 2019.
- GEOCHRON- An Online Lecture Series on various aspects of Geology, organised by Geological Institute, Department of Geology, Presidency University, Kolkata in September, 2020
- Building a Face Recognition Application using Python – Organized by Guvi, an IIT Madras incubated start-up

Other Qualifications & Skills:
- Animation Basics- Adobe Flash & Autodesk 3ds Max
- MS-CIT : an IT literacy course by MKCL
- Certificate Course in Astronomy & Astrophysics by the University of Mumbai, Centre for Extra-Mural Studies, of duration 10 months consisting of a lecture in every week & 2 sky observations in the month.

Personal Details:
- Name: Bhargav Ashok Parulekar
- DOB: June 11, 1998
- Gender: Male
- Languages: English, Marathi, Hindi, French

Declaration:
I hereby conclude that all the above information is true and valid to the best of my knowledge.