Helalur Rahman Swapon

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Date of Birth: 29 August 2002
Kuabashi, Kuabashi-6610, Foiljana, Chatmohor, Pabna, Bangladesh

CAREER OBJECTIVE

A passionate and dedicated Urban and Regional Planning undergraduate with strong interests in GIS, remote sensing, and spatial data analysis. Proficient in Python programming, ArcGIS, and statistical tools, with hands on experience in urban research, field surveys, and GIS-based mapping. Aspires to build a career as a GIS Spatial Analyst, applying data-driven approaches to solve real-world urban and environmental challenges.

ACADEMIC CREDENTIAL

Rajshahi University of Engineering & Technology (RUET) *[December 2021 – Ongoing]*
*Bachelor of **Urban and Regional Planning** (BURP),* CGPA: 3.40 / 4.00

Rajuk Uttara Model College (RUMC)	**Foiljana High School (FHS)**
Higher Secondary Certificate (HSC) – Science	*Secondary School Certificate (SSC) – Science*
Passing Year: 2020, GPA: 5.00 / 5.00	Passing Year: 2018, GPA: 5.00 / 5.0

WORK EXPERIENCE

Internship – Sheltech Consultants (Pvt.) Ltd. Dhaka, Bangladesh
Feb 28, 2025 – Mar 25, 2025
- Assisted in urban and infrastructure planning projects through research and GIS-based analysis
- Prepared technical reports and supported consultants in field surveys
- Gained practical exposure to master planning, consultancy workflows, and spatial data handling
  Tools: ArcGIS, KoboToolbox, MS Office, GIS Mapping

Research Assistant (RA), Dhaka North City Corporation (DNCC), Dhaka, Bangladesh
Jun 2, 2024 – Sep 30, 2024
- Designed and conducted surveys and questionnaires
- Collected, processed, and analyzed large-scale urban data
- Produced GIS maps and analytical outputs for research purposes
  Tools: ArcGIS, Excel, Stata

Programme Management, "Planning Carnival 2022" – URP, RUET
Nov 20, 2022 – Nov 25, 2022
- Assisted in organizing academic and technical events related to planning and GIS
- Coordinated with students and faculty for smooth program execution

SKILLS SUMMARY

GIS & Remote Sensing	ArcGIS Desktop/Pro (Advanced), QGIS, Google Earth Pro, ERDAS, ENVI, DroneDeploy, Pix4D
Programming	Python, C, HTML
Data Analysis, Database Management & Statistics	Microsoft Excel, SPSS, Stata, MySQL, Microsoft SQL, Microsoft PowerBI
Survey & Field Tools	KoboToolbox, ArcMap, FieldSurvey
Documentation & Collaboration	Microsoft Office Suites, Google Suites, Canva, Mendeley Citation Tools, Jupyter Notebook (Anaconda Navigator).

Soft Skills	Leadership & Adaptability, Time Management, Team Collaboration, Problem Solving, Communication

CERTIFICATIONS

- Drone-Based Geospatial Data Collection and Processing
  Department of URP, RUET | GIS Club & Tiller
- Basic Programming with Python
  EDGE-RUET IICT Digital Skills Training Program
  (RUET × BCC × ICT Division)
- Python Basics – University of Michigan
  https://www.coursera.org/account/accomplishments/records/0VWQ421QIYW6
- Machine Learning with Python – IBM
  https://www.coursera.org/account/accomplishments/verify/YPMEIAG9BZRK
- Data Analysis with Python – IBM
  https://www.coursera.org/account/accomplishments/verify/LW2YEVVVDJYJ
- Deep Learning with Keras & TensorFlow – IBM
  https://www.coursera.org/account/accomplishments/verify/6LHLVF2Q2A4W
- Introduction to Neural Networks & PyTorch – IBM
  https://www.coursera.org/account/accomplishments/verify/WJHAM8Z04CUI
- Six Sigma and the Organization (Advanced) – Kennesaw State University
  https://coursera.org/verify/I17HCWKL0H4N

REFERENCES

Dr. MST Ilme Faridatul	**Dr. Md. Abdul Wakil**
Professor & Head	Professor
Department of Urban and Regional Planning (URP)	Department of Urban and Regional Planning (URP)
Rajshahi University of Engineering & Technology (RUET)	Rajshahi University of Engineering & Technology (RUET)
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