



NUZHAT TABASSUM NAWSHIN

M.Sc. Cartography

✉ ntnawshin@gmail.com

🏠 Felsennelkenanger 17, 80937 Munich, Germany

☎ +4917632375188

🌐 www.linkedin.com/in/nt-nawshin

Research Interest Cartographic design, Visual Storytelling, Geovisualization, GIS

Education

M.Sc. in Cartography October 2017 – March 2021
*Technical University of Munich (TUM), Technical University of Vienna (TUW),
Technical University of Dresden (TUD) and University of Twente (UT)*
CGPA: 2.1 out of 5.0 (German grading system)
Thesis: *A systematic approach to formulate design recommendations for location-based stories in Augmented Reality*
Supervisor: Dr.-Ing. Mathias Jahnke

B.Sc. in Geography and Environment January 2012 – August 2016
University of Dhaka, Bangladesh
CGPA: 3.68 out of 4.00
Class rank: 4th out of 82 students

Experience

Geoinformation Tutor November 2019 – February 2020
Cartography Chair, Technical University of Munich (TUM), Germany

- assisting the lecturer (Dr.-Ing. Christian Murphy) in designing exercise tutorials for ArcGIS Pro
- guiding the students and resolving technical issues during exercise sessions

Research Data Coordinator February 2017 – MARCH 2017
Nazrul Islam Urban Studio, University of Dhaka, Bangladesh

- entering and compiling spatial and socio-economic data using SPSS and verifying them for preparing ArcGIS maps for a project on Adaptation of Climate Change Induced Internally Displaced People of Dhaka City

IELTS Instructor November 2016 – September 2017
Mentors' Bangladesh

- teaching basic communicative English and preparing students for the IELTS test

GIS and Data Entry Associate (full-time) March 2016 – October 2016
House of Consultants Ltd. (HCL), Bangladesh

- entering and verifying physical attribute data using MS Access, digitizing and compiling base maps, and preparing land use maps from satellite images using ArcGIS for Package-5 of Upazilla Town Infrastructure Development Plan (UTIDP) of the Urban Development Directorate (UDD) of Bangladesh

Skills

Mapping tools: ArcGIS Pro, ArcGIS Desktop, ArcGIS Online, QGIS, ERDAS Imagine, Mapbox Studio, Leaflet

Software and tools: Brackets, Android Studio, Oracle, Pycharm, RSudio, Adobe Illustrator, Adobe Photoshop, Scribus, MS Office suite

Programming languages: Fundamental knowledge of PostgreSQL, HTML, CSS, Python, JavaScript and Java

Languages: English (C2), German (B1), Bengali (Native)

Research/Projects

- group assignment on developing a map-based Android application using Java (2019)

- "Alpine Cartography Field School 2018" from Technical University of Dresden including of field studies and workshops, preparing Croqui (sketch maps) and panoramic maps (using QGIS and Adobe Illustrator), and field presentations

- mapping project on creating aesthetic printable maps (*Bewitching Bangladesh*) at Technical University of Vienna (2018), available at - <https://cartography.tuwien.ac.at/great-student-projects-summer-2018/>

- group project on creating a website for *Environmentally Endangered Animals* of the world using HTML+CSS and Javascript (2018)

- final bachelor field project (group) on the Land use Pattern of Kurigram Municipality, Bangladesh through the collection of land use data and creation of maps using ArcGIS Desktop (2016)

Other Achievements

Erasmus Mundus Scholarship - E+ JMD Cartography by Erasmus+: Erasmus Mundus consortium under European Commission (2017-2019)

Merit scholarship for excellent performance in undergraduate degree at the University of Dhaka (2016)

IELTS score 7.5 out of 9.0 (listening: 9.0, reading: 7.5, writing: 6.5, speaking: 7.5) (2016)

Workshops on Art and Practice of Leadership and Professional Development at Bangladesh Youth Leadership Center (2016)

First (2014) and third (2015) prizes for group project display at National Environment Fair under the Ministry of Environment and Forestry, Bangladesh

Executive member, event organizer and photographer at Dhaka University Environment Club and National Environment Olympiad (2012-2016)

References

Dr.-Ing. Mathias Jahnke
Technical University of Munich
mathias.jahnke@tum.de

M.Sc. Juliane Cron
Technical University of Munich
juliane.cron@tum.de

Dr.-Ing. Christian Murphy
Technical University of Munich
christian.murphy@tum.de