

# Adhib Hussain Syed

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**Portfolio:** <https://adhibsyed.github.io/>

## PERSONAL PROFILE

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GIS Enthusiast with an MSc in Geographical Information Science from the University of Leicester. Possess versatile programming knowledge as well as extensive expertise in geospatial technologies and their applications. Skilled at data wrangling, with a knack for making data approachable. Able to effectively communicate insights to broad audiences and creatively formulate solutions by utilising data.

## EDUCATION

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### University of Leicester

Leicester, United Kingdom

- MSc in Geographical Information Science 2022 - 2023
  - Earned a 95 on my dissertation and received a nomination for the Royal Geographical Society's best postgraduate dissertation award offered by the Geographical Information Science Research Group.
  - Dissertation (Grade - Distinction): Modelling Urban Visual Walkability of Leicester with Street View Images Using Deep Learning and Unsupervised Learning Techniques.
  - Semester 1 (Grade - Distinction): Fundamentals of GIS, R for Data Science, Geographical Visualisation, Remote Sensing.
  - Semester 2 (Grade - Distinction): Geospatial Data Analytics, Geospatial Artificial Intelligence, Satellite Data Analysis in Python, and Field Data Capture.

### University of Calicut

Calicut, India

- BSc in Geology 2018 - 2021
  - Majored in Geology with a focus on Chemistry and Remote Sensing & GIS.
  - Graduated with an overall CGPA% of 70.70% and CGPA% of 80% in Remote Sensing & GIS.
  - Performed detailed morphometric and hydrological analyses of drainage basins in India utilising QGIS.
  - Performed geological field studies of the traverse along the Dharwar Supergroup and Southern Granulite Terrains of Southern India.

### Certifications:

- IELTS English Language Certification (Band 8)
- Data Science Certifications from IBM & Yonsei University via Coursera
- Introduction to GIS Mapping Certification from the University of Toronto via Coursera

## KEY SKILLS

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### ● Technical Skills:

GIS & Remote Sensing: ArcGIS Desktop, ArcGIS Pro, QGIS, ERDAS Imagine, ENVI, SNAP, Google Earth Engine  
Programming: Python, R, SQL, HTML, CSS, JavaScript  
Other: Git, Microsoft Office

### ● Data Manipulation and Analysis:

Ability to utilise GI software and programming languages, including R and Python, to analyse big data sets, generate insights into spatial patterns, and produce effective maps. Example projects utilising this framework include statistical analysis of sociodemographic data, using R, to determine areas of Hounslow in London that may benefit from additional governmental support, the identification of the occurrence of gentrification in Leicester, and the development of a geodemographic classification of Birmingham based on the Census 2021 data.

### ● Researching and Analysing:

Strong industrial awareness; possess strong quantitative skills, both through academic training and work experience. Able to collect, clean, analyse, and visualize complex data to uncover actionable insights. Proficient in statistical analysis and data modelling using programming languages like Python and R and in geospatial analysis with tools like ArcGIS Pro and QGIS.

- **Planning and Organisation:**

Possessing strong organisational abilities and the capacity to multitask and prioritise work. While working, I successfully maintained an up-to-date work calendar that accommodated individuals across various time zones. This was done in parallel to completing my undergraduate degree on time. Making to-do lists, monitoring productivity, and flagging emails for prioritisation when required are some of the tools employed.

- **Communication and Teamwork:**

Excellent communication skills developed via working with a team consisting of individuals from different countries. Effectively communicated and collaborated with the team to consistently achieve targets within the deadlines.

## WORK EXPERIENCE

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### University of Leicester

Leicester

- *Content Assistant*

July 2023 – September 2023

- Supported course and module teams in migrating content from Blackboard Original to Blackboard Ultra (Digital Learning Environment), ensuring adherence to pre-set design guidelines and templates, showcasing attention to detail and adherence to standards.
- Collaborated effectively with the Digital and Learning Innovation team, departmental administrative staff, and course instructors to ensure accurate and up-to-date content, demonstrating strong communication and collaboration skills.
- Tested and troubleshooted course materials in Blackboard Ultra to ensure optimal functionality and user experience, showcasing technical proficiency and problem-solving abilities.
- Ensured course content accessibility and compliance with university guidelines, employing knowledge of accessibility standards and attention to detail.

### Alison

Galway, Ireland (Remote)

- *Content Writer*

November 2021 – July 2022

- Curated up-and-coming niche careers as part of the company's global careers team.
- Collaborated with the team to create and implement relevant content for the website.
- Developed and managed goals and objectives for each project when collaborating with a team member.
- Researched and developed a clear-cut plan for new content based on relevant trends and opportunities.
- Developed and improved proofreading and copywriting skills whilst writing the blog content, which led to a higher average of session duration per reader.

## LANGUAGES

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- English (Fluent)
- Malayalam (Mother Tongue)
- Japanese (Beginner)

## ADDITIONAL INFORMATION

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- **Hobbies:** Language Learning, Reading, Gaming, and Cycling.
- **Interests:** Committed to increasing my understanding of different cultures and widening my perspectives with the aid of literature, visual media, and travelling. This has spurred me into taking up language learning as a hobby to enable me to completely immerse myself in different cultures.

## REFERENCES

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Available on request