



**Abdul Kader Zelani**  
Student

Contact

**Address**  
Kuril, Dhaka, Bangladesh

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akzelani2001@gmail.com

**Linkedin**  
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**GitHub**  
<https://github.com/akzelani>

Skills

Programming in C, C++, Python & R

Object-oriented programming in Java and C#

Web development technologies (HTML, CSS, JavaScript, PHP, Session, Cookies, MySQL)

NLP preprocessing techniques

Preprocessing Data Visualization

Languages

English  
Professional Working

Bengali  
Native or Bilingual

Interested in contributing to the team through hard work, attention to detail, excellent organizational skills, and a clear understanding of requirements and outcomes expected and training in new technologies.

Education

**Bachelor of Science in Computer Science & Engineering**

American International University-Bangladesh - Dhaka, Bangladesh

- CGPA 3.82
- Major in INFORMATION SYSTEM

**Higher Secondary School Certificate: Science**

Suchipara Degree College - Chandpur, Bangladesh

- GPA 4.75, Science

**Secondary School Certificate: Science**

Farid Uddin Siddiqi High School - Chandpur, Bangladesh

- GPA 4.61, Science

Major Course

MACHINE LEARNING  
WEB TECHNOLOGIES  
INTRODUCTION TO DATA SCIENCE  
DATA WAREHOUSING AND DATA MINING  
OBJECT ORIENTED PROGRAMMING (Java & C#)

Project Experience

**BookTopicR** [akzelani/DATA-SCIENCE](#)

- Collect reviews using Selector Gadget
- Analyzed reviews of *Animal Liberation Now* by Peter Singer using LDA & DTM topic modeling.
- Scraped, cleaned, and preprocessed the review text using NLP .
- Identified key themes and topics in the reviews.
- Created visualizations:
  - Word clouds
  - Ridge plots
  - Dendrograms
  - Network graphs
- Illustrated topic distributions and relationships.

**Find a Trustworthy NGO by Using Machine Learning** [akzelani/Machine-Learning](#)

- Developed a Machine Learning project to identify trustworthy donation organizations or NGOs.
- Collected and processed data on various NGOs and donation platforms.
- Implemented and compared multiple ML algorithms:
  - Random Forest
  - Logistic Regression
  - K-Nearest Neighbors (KNN)
- Evaluated models to determine the most effective



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- approach for predicting trustworthiness.
- Aimed to assist donors in making informed and reliable contributions.

**Organ Management System**

- Built a well-structured Oracle database for organ donation operations with 15+ tables.
- Used primary and foreign keys to ensure proper data relationships and integrity.
- Created automated workflows for key operations such as:
  - Adding new organs
  - Managing donations
- Utilized efficient SQL joins and subqueries to streamline complex data interactions.

**Data Collection for Poor Female Students for Donation** [akzelani/WEB-TECHNOLOGIES](#)

- Created a web-based project using HTML, CSS, JavaScript, PHP, SQL, SESSION, and COOKIE.
- Collected user data through HTML forms and performed form validation using both JavaScript and PHP.
- Built an admin dashboard for:
  - Content moderation
  - Platform management
- Implemented full CRUD operations (Create, Read, Update, Delete) using MySQL.

**Void Bicroy**

- Created an online shopping application using C# and MySQL.
- Developed a Windows Forms application with the .NET Framework.
- Implemented user authentication features, including:
  - User registration
  - Login and logout
- Connected the application to a MySQL database for storing user and product data.

**Online Tech Shop** [akzelani/JAVA-PROJECT](#)

- Created a tech shop management system using Java.
- Designed to handle operations for shops selling mobiles and laptops.
- Developed a Graphical User Interface (GUI) using Java Swing.
- Managed various shop functions such as inventory, sales, and product details.

**Reference**

DR. MD. ASRAF ALI Email: [asrafali@aiub.edu](mailto:asrafali@aiub.edu)  
Professor, Faculty  
DEPARTMENT OF COMPUTER SCIENCE  
American International University-Bangladesh

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