



# AL-AMIN IFTY

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## EDUCATION

### JAHANGIRNAGAR UNIVERSITY | **MS IN MATHEMATICS**

Last Semester GPA: 4.0 / 4.0 (2023- Present)

### SHAHJALAL UNIVERSITY OF SCIENCE & TECHNOLOGY, SYLHET | **BS IN MATHEMATICS**

Last Semester GPA: 3.38 / 4.0 (Graduation: 2022)

### NOTRE DAME COLLEGE | **HIGHER SECONDARY CERTIFICATE**

GPA: 5.00/ 5.00 (2016)

### UDAYAN HIGHER SECONDARY SCHOOL | **SECONDARY SCHOOL CERTIFICATE**

GPA: 5.00/ 5.00 (2014)

## FIELD OF INTEREST

- MACHINE LEARNING
- COMPUTER VISION
- GENERATIVE ARTIFICIAL INTELLIGENCE

## HARD SKILL

### PROGRAMMING LANGUAGE

Python 3, C++, JavaScript

### FRAMEWORK

PyTorch, Tensorflow, Keras

### VISUALIZATION

Microsoft Power BI

### DATABASE

Microsoft SQL (SSMS) & MongoDB

## PROJECT

**TITLE |** [CUSTOMER CHURN PREDICTION USING ANN](#)

**TITLE |** [OBJECT LOCALIZATION](#)

**TITLE |** [IMAGE SEGMENTATION](#)

**TITLE |** [TRANSFER LEARNING IN IMAGE CLASSIFICATION](#)

## UNDERGRADUATE PROJECT

**TITLE |** [A CHARACTERIZATION OF FLAT MEET SEMILATTICES](#)

2022 | Supervisor- *Dr. Md Rashed Talukder*

- Characterization of modular and distributive flat meet semilattices
- Proved isomorphism to the two-element chain as a meet semilattice
- Analysis of the properties and structure of flat meet semilattices

## INTERNSHIP EXPERIENCE

### RANK WIZARDS LLC | **INTERN- TECHNICAL CONTENT TEAM**

February - October 2022 | Mirpur 12, Dhaka, Bangladesh

- Crafted high-quality and informative tech-based content (**SaaS**, **Blockchain**, **IT**, etc) to engage and educate target audiences
- Conducted thorough research to understand client needs and preferences, and developed content accordingly
- Implemented **SEO strategies** to optimize content for search engines and improve organic visibility
- Conducted **content audits** and made recommendations for improvements based on analytics and feedback

## ACHIEVEMENT & RECOGNITION

### INSTITUTE OF INFORMATICS AND DEVELOPMENT

#### PARTICIPANT | POLICY CAMP 2019

- Got selected for a fully-funded 5-day residential camp on **Policy Mainstreaming for Migrant Workers**
- Acquired skills and knowledge in intersectionality, Ikigai in policy advocacy, design thinking in public policy, mind mapping, one-pager creation, advocacy through social media, and verification and fact-finding
- Conducted field visits to **Technical Training Centers** (TTC) and interviewed **5** migrant workers to gather information
- Developed a **labor rights-focused Manifesto** and presented it to Honorable Mr. Shameem Haider Patwary, Member of Parliament

#### PARTICIPANT | YOUTH POLICY CONCLAVE-FUTURE OF WORK | 2020

- Engaged in discussions on education and skills, the impact of the 4th Industrial Revolution (4IR), labor flexibility, demographic-social-environmental changes, future of work, and labor migration
- Recognized as a **Trainer of Trainers** (ToT) to facilitate IID's signature program - **PolicyCampX**
- Drafted the **Youth Manifesto** titled 'Happy Green Sustainable Bangladesh for All by 2041', focusing on an inclusive and sustainable future economy, and presented it to government representatives and development partners

#### YOUTH ECONOMIC OPPORTUNITY SURVEY | SURVEYOR

January 2020 | *Bangladesh-Korea Technical Training Center, Dhaka*

- Conducted surveys and collected data from **125 laborers** to gain insights into current economic opportunities
- Raised awareness about **fair labor migration** practices

## ASHOKA | CHANGEMAKER INTERN

May- November 2018 | Bangladesh

- Assisted the flagship program '**Ashoka Youth Venture**' in identifying and supporting teenage changemakers (aged 12-18) running social/non-profit ventures in Bangladesh
- Successfully referred and enrolled **7** young changemakers into the flagship program
- Drafted and submitted a proposal for the **Direct Aid Program** (DAP) of the **Australian High Commission in Bangladesh** to secure funding for Chinishpur Dipshikha Mohila Samity (CDMS), a **women-empowered NGO** based in Narsingdi

## EXTRA-CURRICULAR ACTIVITIES

### BANGLADESH YOUTH LEADERSHIP CENTER (BYLC) | **CAMPUS AMBASSADOR**

March- December 2019 | *Sylhet*

- Organized **2** promotional events at Shahjalal University of Science & Technology, Sylhet engaging **500+** students while **75** students pre-registered through my referral
- Implemented offline and online marketing strategies to promote **5 BYLC Signature Programs** and Activities
- Led physical campaigns for BYLC Youth Leadership **Summit & Bootcamp**, including distribution of flyers and posters
- Successfully facilitated the enrollment of **25** students into **BYLCx**, an online course platform focusing on 21st Century Skills

### YOUTH OPPORTUNITIES | **CAMPUS AMBASSADOR**

January- December 2020 | *Sylhet*

### YOUTH SCHOOL OF SOCIAL ENTREPRENEURS | **WRITER- CONTENT TEAM**

July- November 2020 | *Dhaka*

## GLOBAL YOUTH BIODIVERSITY NETWORK BANGLADESH

### PARTICIPANT- PERSONAL LEADERSHIP PROJECT | BLUE SOLUTION WORKSHOP

- Got selected as one of 12 best **biodiversity enthusiasts** in Bangladesh out of **280+** applicants
- Executed **1** fully-funded biodiversity mainstreaming project under **SDG Goal 13:** Climate Action, as part of a **four-month mentoring program**
- Developed **SWOT Analysis** and **Strategic Planning**, with a focus on addressing environmental issues in **Sundarbans**, a mangrove area of Bangladesh

## EVENT

### HULT PRIZE | **FINANCE CO-ORDINATOR**

2018 | *Shahjalal University of Science & Technology, Sylhet*

- Created and managed the event budget, including estimating expenses, forecasting revenue, and monitoring financial resources
- Collaborated with 2 sponsors (**Leadsas Global Action & Al Haramain Hospital**) to secure financial support for the event
- Worked closely with other event coordinators and team members to align **financial goals** with overall event objectives

## NOTRE DAME NATURE STUDY CLUB | **VICE PRESIDENT**- FIELD COMMITTEE

2016 | Notre Dame College, Dhaka

## COMPETITION

### **SCHOLARSHIP WINNER** | ISCEA PTAK PRIZE 2018- GLOBAL SUPPLY CHAIN COMPETITION

#### CASE STUDY TOPIC

*Propose possible horizontal collaboration opportunities across industry sectors in Bangladesh to reduce traffic burden, capture more opportunities and make their supply chain more efficient*

#### KEY FINDINGS

- Detected cause of traffic congestion
- Implemented PESTEL & PORTER's Five Force
- Substituting outdated transports by quality transports
- Horizontal collaboration among transport companies of same routes