



AL-AMIN IFTY

Dhaka, Bangladesh | ifty.amin54@gmail.com | +880 1795 345067 | [GitHub](#) | [LinkedIn](#)

RESEARCH INTEREST

- COMPUTER VISION
- DEEP LEARNING
- GENERATIVE ADVERSARIAL NETWORKS

PROJECT

TITLE | [SKIN CANCER DISEASE DETECTION MODEL](#)

- Utilized HAM10000 image dataset containing 7 different skin cancer types using CNN (via Softmax activation and Adam optimizer)
- **Accomplishment:**
Accuracy outcome of ~64% using 1400 images

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

HARD SKILL

PROGRAMMING LANGUAGE

Python 3, C++, JavaScript

FRAMEWORK

Pytorch, Scikit Learn, Tensorflow, Keras

VISUALIZATION

Matplotlib, Seaborn, Power BI

MANIPULATION

Numpy, Pandas

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)

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

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
- 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

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

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

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*

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

2016 | Notre Dame College, Dhaka

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

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

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

REFERENCE

MD RASHED TALUKDER, PhD

Professor,

Shahjalal University of Science & Technology, Sylhet

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