

MD ABDUL KADIR

Long Island City, 11101, New York

makt.official@gmail.com | www.linkedin.com/in/makt/ | Website: makt96.github.io

EDUCATION

Institution/Board	Degree	Passing Year	CGPA/ GPA%	Length of Degree
The City College of New York- CUNY 160 Convent Ave, New York, NY 10031	<i>Masters of Science in Cybersecurity</i>	<i>Fall 2022-Spring-2024</i>	- - -	2 Years
Metropolitan University Bateshwar, 3103, Sylhet, Bangladesh.	<i>Bachelor of Computer Science & Engineering</i>	<i>APRIL, 2021</i>	3.56 (out of 4.0 scale) Or 89%	4 Years
Board of Intermediate & Secondary Education, Sylhet	<i>Higher Secondary Certificate (HSC)</i>	<i>AUGUST, 2016</i>	4.75 (out of 5.0 scale) Or 95%	2 Years
Board of Intermediate & Secondary Education, Sylhet	<i>Secondary School Certificate (SSC)</i>	<i>AUGUST, 2013</i>	5.0 (out of 5.0 scale) Or 100%	2 Years

CS TECHNICAL SKILLS

- **PROGRAMMING:** Python, SQL, C, JAVA, JavaScript | **Web Programming Frameworks:** ReactJS, NodeJS, Express, EJS, HUGO
- **Python DS Libraries:** NumPy, Pandas, Matplotlib, Scikit-Learn, PlotlyExpress, Seaborn, StatsModel.
- **ML Techniques:** Regression(Linear, Ridge, Logistic), Decision Tree, Random Forest, Gradient-Boosting
- **Data Visualization:** Skill Label is Tableau Professional Desktop Certified Associate
- **AWS Cloud:** EC2 Instances, S3 Bucket, Networking, Security ,Amazon RDS.
- **Tools & Softwares:** Excel, G-Suit, LaTeX, MS Office, Git & Github | **Operating System:** Linux: Ubuntu, Debian, Arch Linux

CYBERSECURITY SPECIALIZE KNOWLEDGE

- **Network Security:** Cryptography, Firewall, IPSec, DNS Security, Network Attacks, IDS, MAC Layer and WIFI Security, Smart Grid Security
- **OS Security:** OS Architecture, Audit/Authentication/Authorization, Hardware/Software Fault, Kernel Isolation and Boundaries, Integrity Verification Technique, Mobile Security, Secure API, OS-BIOS-Kernel vulnerability,
- **Law and Policy in Cybersecurity:** GDPR, HIPAA, CISA, Cybersecurity Regulation: Health-Government- Finance, Incident Response, Information Operation Disinformation and Censorship, Cyber Warfare, Privacy Security and Surveillance, Cyber-Crime and Hacking Back,

PROJECTS AND PRAGMATIC SKILLS

- **Build and Design Professional Ransomware (Ethical Hacking) Tested in Destination Workspace**
 - In this project, My idea is all about Ransomware Attack(Ethical Hacking), I have built a malicious code (ransomware) and did try to make this program works just in the destination where it is put(In my work space), in addition, I will hide this program in exe and SFX file to make this last undetectable and not suspicious for the target.
 - **Concept Used:** Cryptography, OS Security.
 - **Supervised By:** Dr. Joseph Soryal | Professor | Dept. of Cybersecurity, CCNY
 - **Activities:** Fetching data about Target OS and CPU Architecture | Obtained Admin Userid | Target key decryption | Get to know Target IP.
- **Full-stack e-Commerce website**
 - It was my Final Year Project | P-400 | 6 Credits | Jan-Mar, 2020
 - **Technology Used:** ReactJs as Frontend, NodeJs with Express as Backend, Database- Google Firebase for authentication and MongoDB as central database, HTML5, CSS, Ant Design, Stripe Payment Gateway, JWT, Redux.
 - **Supervised By:** Nishat Tasnim Ahmed Meem | Senior Lecturer | Dept. of CSE

- **Air Quality in Nairobi (Based on PM2.5 index)- A Time Series Analysis Projects - ARIMA ML Model**
 - In this project, I work with data from one of Africa's largest open data platforms openAfrica (<https://africaopendata.org/>). I look at air quality data from Nairobi, Lagos, and Dar-es -Salaam; and build a time series-model to predict PM 2.5 readings throughout the day.
 - **ProjectLink:** <https://makt96.github.io/#projects>
 - **Github:** <https://github.com/makt96/Earthquake-Damage-Nepal>
 - **Activities:** Fetching data by querying a MongoDB database | Prepared time series data for analysis | Building an auto-regression model such as AutoReg and ARIMA | Improve a model by tuning its hyperparameters.
- **Predicting Housing Price Based on Area_m2, Latitude, Longitude, and Neighborhood in Buenos Aires (ML Project)**
 - In this project, I have emphasized on predictive data science. My focus is real estate. I did work with a datasets with 21,000 properties for sale in Argentina through the real estate website <https://properati.com/>
 - **ProjectLink:** <https://makt96.github.io/#projects>
 - **Github:** <https://github.com/makt96/Real-State-in-Buenos-Aires>
 - **Activities:** Create a linear regression model using the scikit-learn library | Build a data pipeline for imputing missing values and encoding categorical features | Improve model performance by reducing overfitting | Create a dynamic dashboard for interacting with the completed model.
- **Earthquake Damage in Nepal**
 - In this project, I'll work with data from Open Data Nepal(<https://opendatanepal.com/>) to build a model to predict building damage from the Nepal 2015 Earthquake. I'll also work primarily with data from the Gorkha district, with additional examples from Ramechhap.
 - **ProjectLink:** <https://makt96.github.io/#projects>
 - **Github:** <https://github.com/makt96/Earthquake-Damage-Nepal>
 - **Activities:** To get data by querying a SQL database | Build a logistic regression model for classification | Build a decision tree model for classification | How to incorporate ethical considerations into your model building.

SOFT SKILLS

★ Communication ★ Team Work ★ Leadership ★ Problem-solving ★ Adaptability

CERTIFICATIONS

1. **The Bits and Bytes of Computer Networking** | Google in Coursera | SEP/20 | ID:MYBUDS4X8U4Z
2. **The Blockchain** | University of California, Irvine in Coursera | AUG/20 | ID: NVW5ZGL29EPH
3. **Introduction to Cybersecurity Tools & Cyber Attacks** | IBM in Coursera | JUL/20 | ID: PQ7E2M95S3Q8
4. **SQL Masterclass for Data Analysis with Big Data** | Data Is Good in Udemy | OCT/21 | ID: cc9bf7342771e
5. **Python For Data Science** | Starweaver Team in Udemy | OCT/21 | ID: 7b07c9ba43a4
6. **Master Data Visualization with Tableau** | Data Is Good in Udemy | OCT/21 | ID: 281cb4b2f1c1
7. **Ethical Hacking: Footprinting and Reconnaissance** | LinkedIn Learning | SEP/20
8. **Cybersecurity Roles, Processes & Operating System Security** | IBM in Coursera | Aug/20

WORKING EXPERIENCES

- **Volunteer Worker**
 - **Organization:**Bangladesh Red Crescent Society (BDRCS) | Red Crescent Youth, Sylhet Unit.
 - **Working Period:** January 2011 - January 2016 | **Employment Type:** Part-time | **Location:** Sylhet, Bangladesh
 - **Responsibility:** Team Leader at Blood Donation Manifesto, Member of Disaster Food Supply | Team Member at Winter Welfare Activity.
- **Operation & Technical Support Officer**
 - **Organization:**Dutch-Bangla Bank (Pvt) Ltd | Department of Agent Banking | Financial Company | **Outlet:** P.C SOFT
 - **Working Period:** January 2020 - December 2021 | **Employment Type:** Contractual, Part-time
 - **Responsibility:** Remittance Service Officer, Overlooking networking issues and contact with the IT Team at Head Office. Supervise employees designated tasks and team working in response to solve comprehensive customer services.
- **Software Engineer**
 - **Organization:** Lycus Technology
 - **Working Period:** June 2020 - December 2021 | **Employment Type:** Full-time, Remote | **Location:** Sylhet, Bangladesh
 - **Responsibility:** Team Member of MERN Stack Development | Member of the Software Product Management Team.

- **E-Commerce Marketing Adviser**
 - **Organization:** The Apparel House
 - **Working Period:** March 2018 - December 2022 | **Employment Type:** Part-Time, Remote | **Location:** Sylhet, Bangladesh
 - **Responsibility:** Product Promotion to FB Marketplace, Targeting Customer, Managing Customer Traffic and Developing New Customer Focus Strategy on Upcoming Products.

Awards and Scholarship

- **ICCR Scholar- India (2022)**
 - **Award:** Full Tuition Grant and Stipend
 - **Program:** Masters in CS | **Employment Type:** Graduate, Full-Time | **Location:** IIT, Madras