



Md Nahin Hossain Uday

Date of birth: 03/06/1997 | **Nationality:** Bangladeshi | **Gender:** Male | **Phone number:** (+49) 15752658090 (Mobile) | **Email address:** nahinu95@gmail.com |

Website:

<https://nh-uday.github.io/me/?fbclid=IwAR3jiPopGNLIXOUbW-CIQbSqHrq9weQVnOvo9WKkr4cZ2ZnTTc8Ai1x8XaI> |

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About me:

I am currently doing a Master's in Computer Simulation in Science and working as a Data Scientist at Aptiv. I am working as a work student employee. I want to enhance my carrier as a computer engineer. I want to explore new areas of Data Science and Data engineering. Furthermore, I want to be up to date with modern technology. Being a team player, I am always comfortable working in a team. In addition, I can work under pressure. Lastly, I now need the opportunity to prove myself in different types of work environments in the industry.

● WORK EXPERIENCE

01/04/2023 – CURRENT Wuppertal, Germany

DATA SCIENTIST APTIV

Business or Sector Education | **Department** Computer Science and Engineering |

Website <https://www.aiub.edu/>

● EDUCATION AND TRAINING

09/10/2022 – CURRENT Wuppertal, Germany

MASTER'S IN COMPUTER SIMULATION IN SCIENCE University of Wuppertal

Address Wuppertal, Germany | **Website** <https://www.uni-wuppertal.de/de/>

05/01/2017 – 23/11/2020 Dhaka, Bangladesh

BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND ENGINEERING American International University-Bangladesh

1. Programming basic
2. Data structure
3. Database
4. Algorithms
5. AI
6. Data mining
7. Object Oriented Programming
8. Software quality and testing

Address Kuratoli Road, Dhaka 1229, Dhaka, Bangladesh | **Website** <https://www.aiub.edu/> |

Field of study Software and applications development and analysis , Database and network design and administration , Inter-disciplinary programmes and qualifications involving Information and Communication Technologies (ICTs) |

Final grade 3.60 out of 4 | **Level in EQF** EQF level 6 | **National classification** Bachelor |

Type of credits BD credit hours | **Number of credits** 148 |

Thesis From Nature to UAV - A Study on Collision Avoidance in Bee Congregation

31/05/2013 – 08/08/2015 Lalmonirhat, Bangladesh

HIGHER SECONDARY SCHOOL CERTIFICATE Lalmonirhat Govt. College

Address TALUK, KHUTAMARA, LALMONIRHAT SADAR LALMONIRHAT - 5500, Lalmonirhat, Bangladesh |

Website <http://www.nubd.info/college/college.php?code=2901> | **Field of study** Science |

Final grade 4.25 out of 5

31/12/2007 – 08/05/2013 Lalmonirhat, Bangladesh

SECONDARY SCHOOL CERTIFICATE Lalmonirhat Govt. High School

Address Thana Rd, Lalmanir Hat 5500, Lalmonirhat, Bangladesh | **Website** <http://lgbhs.edu.bd/> |

Final grade 5 out of 5

09/08/2020 – 23/08/2020

INTRODUCTION TO BIG DATA Coursera

Address Online | **Website** <https://www.coursera.org/>

31/05/2020 – 15/06/2020

NEURAL NETWORKS AND DEEP LEARNING Coursera

Address Online | **Website** <https://www.coursera.org/>

05/04/2019 – 05/04/2019 Dhaka, Bangladesh

CERTIFICATION ON INTERNET OF THINGS AIUB Continuing Education Center

Address Plot 58/B, Road 21, Block B Kemal Ataturk Avenue, Dhaka 1213, Dhaka, Bangladesh |

Website <https://ice.aiub.edu/> |

Field of study Information and Communication Technologies (ICTs) not further defined

● LANGUAGE SKILLS

Mother tongue(s): **BENGALI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B2	B2	B2
GERMAN	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Programming languages: Python, Java, C, C++, C#, Matlab, R, SQL, PL-SQL | Operating Systems | Programming in Fortran Matlab | RDBMS (Oracle PostgreSQL) | Artificial Intelligence | Digital Logic Design | Data Science | Data Collection, Data Processing, Data Analysis, Data Visualization | microsoft office (Microsoft)

● ADDITIONAL INFORMATION

PROJECTS

2019

PSO Neural Network https://github.com/NH-Uday/pso_neural_network

Link https://github.com/NH-Uday/pso_neural_network

2020

Object Tracking https://github.com/NH-Uday/Object_Tracking_with_OpenCV_and_Python

Link https://github.com/NH-Uday/Object_Tracking_with_OpenCV_and_Python

2020

Online Shop https://github.com/NH-Uday/online_shop

Link https://github.com/NH-Uday/online_shop

RESEARCH EXPERIENCE

2018 – 2020

From Nature to UAV - A Study on Collision Avoidance in Bee Congregation

1. We collected video data of bees while flying.
2. we annotated the bees in selected frames.
3. After that, we generated data from the frames for instance distance, speed.
4. Then we evaluated how bees avoid collision.
5. Lastly, we proposed a model to avoid collision for vehicle according to the results.

NETWORKS AND MEMBERSHIPS

2017 – 2020 American International University Bangladesh

AIUB Computer Club

2018 – 2020 American International University Bangladesh

| IEEE AIUB Branch

HONOURS AND AWARDS

12/2020

IEEE Membership – IEEE

2020

Consultants Network – IEEE

2020

Special Interest Group on Humanitarian Technology – IEEE

12/12/2017

Participant of Physics Quiz Contest – American International University Bangladesh

RECOMMENDATIONS

Dr. Devjoyti Karmaker Associate Professor

Supervisor of my thesis.

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