

Oishee Bintey Hoque

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PROFILE

I am a passionate programmer and AI enthusiast. I demonstrate myself as a quick learner while working in multiple platforms. I am pretty much efficient at teamwork and I bring with me, my strong passion for technology, strong learning capability and I always focus on continuous improvement of my skills.

EDUCATIONAL QULIFICATIONS

- 2015-2019 **B.Sc. (Hons), Ahsanullah University of Science and Technology** in Computer Science and Engineering. Cumulative GPA: 3.79/4.00
- 2012-2014 **Higher Secondary Certificate (HSC), Holy Cross College.** GPA.: 5.00/5.00
- 2002 -2012 **Secondary School Certificate (SSC), Viqarunnisa Noon School & College.** GPA: 5.00/5.00

CORE COMPETENCIES

ADDITIONAL SKILLS

C	Problem Solving	JAVA	Matlab
C++	C#	Android	GIT
Python	MySQL, PL/SQL	PHP	WebGL
Deep Learning	TensorFlow	Prolog	HTML & CSS

PROGRAMMING CONTESTS

- 2016-JAN **11th Position**, NATIONAL GIRLS PROGRAMMING CONTEST-2016, Team Name: Chasing Failure
- 2017-MAY **16th Position**, NATIONAL GIRLS PROGRAMMING CONTEST-2017, Team Name: Chasing Failure
- 2017-NOV **64th Position**, ACM ICPC DHAKA REGIONAL 2017, Team Name: code_geass
- 2018-NOV **99th Position**, ACM ICPC DHAKA REGIONAL 2018, Team Name: Chasing Failure
- 2016-AUG **5th Position**, INTRA AUST PROGRAMMING CONTEST-Spring 2016, Team Name: Chasing Failure
- 2017-DEC **6th Position**, INTRA AUST PROGRAMMING CONTEST- Fall 2017, Team Name: Chasing Failure

ACADEMIC PROJECTS

- DEC-FEB 2015 **WAR OF SPACESHIP**
Desktop based shooting game with several fun features. **Tools:** Visual Studio 2010, iGraphics, C
- MAY-JUN 2016 **SUP**
Desktop based server-client chat application with file sharing option. **Tools:** Java, Netbeans
- AUG-SEPT 2016 **BAZINGA**
Movies information-based website with various user features. **Tools:** HTML, PHP, MySQL, WAMP
- JAN-MAR 2017 **CINEFREAK**
Movie listing based android app. **Tools:** Android Studio, XML, Java, SQLite
- JUN-AUG 2017 **SHOPEXPERT**
E-commerce based website. **Tools:** Visual Studio 2017, MVC, ASP.NET, C#
- JAN-MAR 2018 **ROBO MOS FACE RECOGNIZING MESSENGER**
Server-client based face recognition and communication system. **Tools:** Raspberry Pi, Python2, OpenCV, Pi Cam
- OCT-NOV 2018 **SUPER-SHOP MANAGEMENT SYSTEM**
Distributed database management project. **Tools:** Oracle 10g, PL/SQL
- MAR-APR 2019 **PUZZLE GAME WITH A STAR ALGORITHM**
This game is implemented using WebGL and JavaScript. **Tools:** WebGL, JavaScript

MAR-APR 2019	E-COMMERCE WEBSITE WITH JAVA SERVLET AND RMI E-commerce based website. Tools: Java, Servlet, RMI, Bootstrap, Oracle 10g
MAR-APR 2019	PERSONALITY-ANALYSIS-USING-VARIOUS-FEATURE-SCALING-ON-DATASET It's a human behavior analysis project using the data collected from our department. Tools: Python and Data Analysis Libraries (NumPy, Panda, Matplotlib, Scikitlearn, TensorFlow, Keras)
MAR-APR 2019	EFFICIENT NOISE REDUCTION SYSTEM WITH DATASET In this project, user can add noise - Salt Pepper Noise, Gaussian Noise and Speckle Noise – and apply filters Wiener Filter, Median Filter, Gaussian Filter by varying the parameters. Tools: Matlab

RESEARCH & PUBLICATIONS

SEPT-DEC 2018	REAL-TIME BANGLADESHI SIGN LANGUAGE DETECTION USING FASTER R-CNN Accepted as a Full Paper in ICIET 2018. This is a real-time system which detects sign from a video and classifies the sign in the video. The system is trained on our own generated dataset. Tools: Python, TensorFlow, Faster R-CNN Paper Link: https://arxiv.org/abs/1811.12813 Dataset Link: https://github.com/imruljubair/BdSLImset
JAN-JUL 2019	BANGLADESHI SIGN WORD RECOGNITION USING LSTM This is a system which detects sign words -sequence of actions- from a video. This works with sequential data and falls under the domain of action recognition. Used dataset if self-generated. Tools: Python, TensorFlow, CNN, LSTM Dataset Link: https://github.com/anno23/Dataset2
SEPT-OCT 2019	EXTRACTING INFORMATION FROM HANDWRITTEN LETTERS FROM ADMISSION FORM This system extracts student's ids and names from a handwritten form (similar to the training dataset) and save them to a text file. Tools: YoloV2 - Darknet, Python, Tensorflow

CO-CURRICULAR ACTIVITIES & OTHER INVOLVEMENTS

2018-JUN	AUST CSE WEEK - 2018 One of the main Organizing members; Anchor at the prize giving ceremony.
JUN 2016-Present	JAAGO FOUNDATION Sponsor Parent of a child.

ADDITIONAL INFORMATION

ONLINE COURSES	Deep Learning for Coders – Fastai Deep Learning Specialization – Coursera TensorFlow in Practice Specialization – Coursera TensorFlow: Data and Deployment Specialization - Coursera
INTERESTS	Programming, Event Organizing, Traveling, Social Work
LANGUAGES	Bengali Mother Tongue English Full Professional Proficiency Japanese N4 Equivalent Proficiency

REFERENCES

Mohammad Imrul Jubair Assistant Professor, Dept. of CSE Ahsanullah University of Science and Technology Mobile: +8801722682783 Email: mohammadimrul.jubair@ucalgary.ca	Dr. Kazi A Kalpoma Professor & Head, Dept. of CSE Ahsanullah University of Science and Technology Mobile: +8801819127854 Email: kalpoma@gmail.com
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