

# Mahedi Hasan

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## SUMMARY

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- M.Sc student in information technology. Extensive experience with computer programming and application development. Expertise in coding, trouble shooting and debugging in JAVA, HTML, C++, Python. Successfully completed several academic projects and applications.

## EDUCATION

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<b>Bangladesh University of Engineering and Technology (BUET)</b> <i>M.Sc. in Information and Communication Technology (ICT) GPA: 3.58/4.0</i>	<b>Dhaka</b> <i>Oct' 2015 - present</i>
<b>Khulna University of Engineering and Technology (KUET)</b> <i>B.Sc. in Electrical and Electronic Engineering (EEE) GPA: 3.48/4.0</i>	<b>Khulna</b> <i>September 2013</i>
<b>Higher Secondary Certificate</b> <i>Engineering University Higher Secondary School and College GPA: 5.0/5.0</i>	<b>Dhaka Board</b> <i>July 2008</i>
<b>Secondary School Certificate</b> <i>West End High School GPA: 5.0/5.0</i>	<b>Dhaka Board</b> <i>May 2006</i>

## EXPERIENCE

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**Adjunct Lecturer** **May 2016 - present**

- Manarat International University  
Department of Computer Science and Engineering

## PROJECTS

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<b>Gait Based People Identification</b> ○ RNN based temporal model for people identification based on their gait signature. ○ Supervisor: Dr. Hossen Asiful Mustafa ○ Report & Code: temporal_network	<i>October 2017 - present</i>
<b>Development of Automated Essay Scoring</b> ○ Development of machine learning based automated essay scoring (english) system. ○ Supervisor: Dr. Hossen Asiful Mustafa ○ Report & Code: Essay-Scoring	<i>October 2016</i>
<b>Distributed Password Cracking</b> ○ Multiple Client based distributed online password cracking system based on Java. ○ Supervisor: Dr. Hossen Asiful Mustafa ○ Report & Code: Distributed-Password-Cracker	<i>February 2016</i>
<b>File Encryption Decryption with DES</b> ○ Complete Java based implementation of DES cryptographic algorithm from scratch. ○ Supervisor: Dr. Hossen Asiful Mustafa ○ Report & Code: File-Encryption-Decryption-with-DES	<i>January 2016</i>

## APPLICATION

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### Amar Diary

*August 2017*

- An android application for keeping personal diary
- Source: Amar Diary
- Market: playstore

### Personal Profile

*February 2017*

- An android application for personal profile maintenance
- Source: Personal Profile

## TECHNICAL SKILL

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- Programming Languages: C, C++, Java, Python
- Web Development: HTML/CSS, Javascript
- Application Development : Android
- System Administration: Linux/Unix
- Database Management: SQL Server

## ACHIEVEMENTS

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### B.Sc. Engineering Scholarships

- KUET students merit scholarships through four years for academic excellence from the Govt. of the People's Republic of Bangladesh

## EXTRA-CURRICULAR ACTIVITIES

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### Volunteer Activities

- Member at Inter University Tech Fiesta, 2012 Organized by IEEE Association, KUET.
- Volunteer at IEEE Student Professional Awareness Conference (SPAC), 2010 Organized by IEEE Student Branch, KUET.

## REFERENCES

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### Prof. Dr. Md. Liakot Ali

- Professor, Institute of Information and Communication Technology (IICT)  
Bangladesh University of Engineering and Technology (BUET)  
Dhaka - 1000, Bangladesh  
E-mail: liakot@iict.buet.ac.bd  
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### Dr. Hosssen Asiful Mustafa

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