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|  | **Tauseef Ibne Mamun**  [tmamun@mtu.edu](mailto:tmamun@mtu.edu)  +1 (857)-574-9931  [https://tm-cv-p.herokuapp.com](https://tm-cv-p.herokuapp.com/) | 1812 F Woodmar Drive  Houghton, Michigan, 49931 |

**SUMMARY**

Graduate student in Applied Cognitive Science and Human Factors at Michigan Technological University with a strong programming background and training in both computer science and psychology. Experience in human factors analysis and executing usability studies.

**EDUCATION**

Michigan Technological University | Houghton, MI

**MSc. Applied Cognitive Science and Human Factors** Expected May 2021

Ahsanullah University of Science & Technology | Dhaka, Bangladesh

**BSc. Computer Science & Engineering** 2011 – 2015

CGPA: 3.12/4.00

**EXPERIENCES**

Mighty Egg Technologies | 600 – 56 Temperance Street Toronto, ON M5H 3V5, Canada

**Programmer Analyst**  2015 – 2019

**Tasks:**

* Database Design & API development.
* ERP and Website Development. Mobile App Development (Android).
* Analyzing Client Requirement.
* Software deployment in Amazon Web Service, Digital Ocean, Heroku.

Michigan Technological University, Cognitive and Learning Sciences | Houghton, MI

**Research Assistant** 2019 – Present

**Tasks:**

* Improving and designing novel explanation methods for AI systems.
* Developing computational models for Explainable Artificial Intelligence (XAI) systems.

**Practicum Student** 2020

**Supervisor:** [**Robert Hoffman**](https://www.ihmc.us/groups/rhoffman/)

**Task:**

* Improving and designing collaborative explanation methods for AI systems.

**Programming Expertise**

* Ruby, Python, C, C++, Java, PHP, R, PEBL

**CO-CURRICULAR INVOLVEMENT**

* President (Photography Department) at Notre Dame Nature Study Club2009 – 2010
* General member at Ahsanullah University of Science & Technology’s Computer Science & Engineering Society 2011 – 2013
* General Secretary at Ahsanullah University of Science & Technology’s Computer Science & Engineering Society 2013 – 2014
* Vice President at Ahsanullah University of Science & Technology’s Computer Science & Engineering Society 2014 – 2015
* Vice President at Bangladeshi Student Association at Michigan Technological University 2020 – 2021

**INTERESTS**

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[Photography](https://www.flickr.com/photos/63464150@N02/) | App Development | Video and Photo Editing