



## PROFILE

I am a master's student at the University of British Columbia, Canada. I aim to build AI-driven software products +/- components to deal with the problems of both individuals and communities. Currently, I am working on different Topic Modeling algorithms and Text Classification techniques for handling software development issues faced by application developers. I am also designing an interactive analytical tool for different customizable Neural Network architectures.

Other than being a researcher, I mentor, motivate, and supervise young underprivileged undergrads who aim to become stellar researchers.

## CONTACT

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## KEY ATTRIBUTES

- Determined to make a difference in individual and community
- Fastidious
- Patient, approachable
- Susceptible to suggestion +/- criticism
- Always on my way to building a rich repertoire of diverse skillset and interests

# MOHAMMAD ABDUL HADI

Graduate Research Assistant

## EDUCATION

### University of British Columbia, Canada

MS in Computer Science (Sep 2019 – Present)  
Awards: Graduate Dean's Entrance Scholarship  
Research Focus: Transfer Learning + Unsupervised Learning (NLP)

### North South University, Bangladesh

BSc in Computer Science and Engineering (May 2014 – April 2018)  
Vice Chancellor's Gold Medal (Topper) + Summa Cum Laude  
Awards: Full Scholarship + Senior Research Grant  
CGPA: 3.99/4.00

## RECENT WORK EXPERIENCE

### University of British Columbia – [Graduate Research and Teaching Assistant]

Sep 2019 – Present  
Proposed a Topic Modeling Algorithm; Completed an Empirical Study on text classification techniques, Designed an interactive visualization tool for a project of Archeology Department.

### Niedner Inc. – [Software Engineer Intern]

Jan 2020 – Jun 2020  
Modeling and optimisation of woven composite hydraulic tubes to reduce in-service defects and failures - Phase II (Led the visualization team)

### Eastern University, Bangladesh – [Lecturer, Researcher]

Jul 2018 – Aug 2019  
Led 2 research-projects: Studied correlation between use of smartphone applications and academic results of students; Built a platform to propose dynamic physician consultation fee structure incorporating scrutinized metrics.

### North South University, Bangladesh – [Research Assistant]

Oct 2017 – Apr 2018  
Project: Autonomous Robot Implementing Slam Algorithm (ARISA) with an approach to navigate blind people in unstructured environment

## SKILLS

Written and Verbal Communication	95%
Programming + Coding	80%
Software Development	75%
Object Oriented Design	75%
Software Testing + Debugging	65%
Problem Solving + Logical Thinking	85%