# Md Shakhawat Hossain

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*Languages and Technologies:*

✦   Angular 8, HTML, JAVASCRIPT, CSS, R programming, Java Spring, Java Struts, Core, ASP.NET, MySQL.

GitHub : https://github.com/hossaincode/code-samples-

*Employment:*

**Programmer and System Analyst II**l             **State Of North Dakota, Bismarck, ND**                 **July 2017 – June 2018**

Java developer added features on existing systems and solved tickets built on Java struts web framework:

JAVA ,  HTML, CSS, JAVASCRIPT;

*Additional Experiences:*

**Teaching Assistant**                         **North Dakota State University, Fargo, ND**              **2015 - 2017**

✦   Courses: Survey of Programming Languages, Discrete Mathematics, introduction to data mining, Computer Architecture

**Research Assistant**                         **North Dakota State University, Fargo, ND**              **2015 - 2017**

✦   Implemented mining frequent edge sets from multiple co-expression networks   **Tools: R programming language**

✦   Implemented several Itemset mining Algorithm; **Tools: C++**

✦   **Worked on mining dense module from multiple co-expression gene graphs; Tools: R programming Language,**

*Education:*

**Fargo, North Dakota**                         **North Dakota State University**                       **2015 - 2017**

✦   **M.S in Computer Science CGPA: 4.00/4.00**

✦   **Courses**: Algorithm Analysis, Artificial Intelligence, Applied Regression Model, Introduction to Data Mining, Bioinformatics
Data Mining, Distributed Systems, Software Development Processes, Database systems, Thesis Defended.

**B.Sc. in Computer Science and Engineering**.                                              **2007-   2012**

✦   **Courses**: Algorithms, Data Structures, Object Oriented Programming Languages, Compilers, Operating Systems, Computer
Architecture, Database, Computer Networks

*Academic Technical Experience:*

✦   **Digital Diary :** single user can write, edit, save and retrieve daily experiences by picking a date. *C++*

✦   **Mail Client for Mobile Device :**  can retrieve e-mail from Pop3 server and display on the screen*. J2ME*

✦   **CD Shop Online :** users can search, browse and buy from available CD list of the shop. *C#.NET, MySQL*

✦   **Online Bazaar :** users can become members, post new advertisements and see others advertisements.*C#.NET, MySQL*

✦   **Automated Trading Agent :** forecast price of all stocks based on previous trend using data mining technique*. R*

✦   **Investment Suggestion in E-commerce Business :** identifying sub-markets, core products, sub-market stability, future core
product, trendy products and investment volume using amazon co-purchase data*. R ( igraph )*

✦   **Predicting Blood Glucose level** : predicting blood glucose level of Diabetes Patient  time series Analysi*( WEKA )*

✦    **HTTP Proxy Server :**  worked As a Proxy server between Browser and main HTTP server*; Java*

*Extra-Curricular Activities & Leadership Skill:*

✦   Member, I-core team, NDSU (Student ambassador )                                         **Spring 2016**