

Md Shakhawat Hossain

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Languages and Technologies:

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

Employment:

Programmer and System Analyst III **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 Analysis(**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**