

# Avijit Bhattacharjee



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Github: [avijit1258](#)

## Summary

- Completed B.Sc. in CSE with CGPA 3.74 / 4.0 (2nd position in my batch)
- Participated in prestigious ICPC Dhaka Regional'2017 and NCPC'2015
- Former Vice-President of CLUSTER
- Completed few useful projects in Undergrad
- Organized CSE fest'2017, Study tour'2017 and volunteered to similar programs previously.

## Education

**M.Sc. , Computer Science(Software Research Lab)** January 2019 - Present  
University of saskatchewan, Canada

**B.Sc. in Engg, Computer Science And Engineering** June 2014 - August 2018  
Discipline, Khulna University, Khulna  
CGPA 3.74 / 4.0 (2nd among 40 students)

**Thesis Title: “Phylogenetic Tree Construction Using Chemical Reaction Optimization”**

**HSC** from Dhaka City College, Dhaka with GPA-5.0/5.0 2011 - 2013

**SSC** from Jatrabari Ideal High School, Dhaka with GPA-5.0/5.0 2011

**Research Interests** Software Engineering, Data Mining, Machine Learning, Cloud Computing, Optimization Problems

**Publications** Bhattacharjee, Avijit, SK Rahad Mannan, and Md Rafiqul Islam. *Phylogenetic Tree Construction Using Chemical Reaction Optimization*. International Conference on Intelligent Systems Design and Applications. Springer, Cham, 2018. [🔗](#)

## Experience

**Graduate Research Assistant**, University of Saskatchewan January 2019 - Present



















- Currently, I am working on modernizing a legacy system called *CRHM: The Cold Regions Hydrological Model*. CRHM is also part of mega project “GWF: Global Water Future”. GWF is the most cited freshwater research program in the world which looks for solutions to Water Threats in an Era of Global Change.

**Intern**, Trustaira Bangladesh Limited July 2017 - August 2017

- Integrated several modules in order to analyze phonetic Bengali sentences. [🔗](#)

**Vice-President**, CLUSTER January 2017 - December 2017

- Club for Updated Search on Computer (CLUSTER) was established on 1999 by CSE Discipline, Khulna University. The club is well known all around the country for its IT-based social activities at the southern part of Bangladesh.

Academic Honors	University Merit List	2014, 2015, 2016, 2017														
Competition Faced	<ul style="list-style-type: none"><li>ACM ICPC Dhaka Site Regional organized by University Of Asia Pacific, Bangladesh</li><li>BUET NCPC organized by Bandladesh University of Engineering and Technology</li><li>ACM ICPC Dhaka Site Regional Preliminary</li></ul>	November 2017 2015 2014-2017														
Computer Skills	Languages: C, C++, Java, Assembly MASM, PHP Software: Git, VIM, Sublime text, Latex Operating Systems: Linux, Windows Frameworks and Library: Bio++(A C++ library for bioinformatics), Laravel															
Undergraduate Projects	<table><tr><th>Title</th><th>Link</th></tr><tr><td>Touch-type learning application for windows</td><td><a href="#"></a></td></tr><tr><td>An Online Bus Ticket Booking System PIGEON</td><td><a href="#"></a></td></tr><tr><td>Project Management Software Like Trello</td><td><a href="#"></a></td></tr><tr><td>Integer Computer Management Solutions</td><td><a href="#"></a></td></tr><tr><td>Online Admission Test Registration System for KU</td><td><a href="#"></a></td></tr><tr><td>My Online Judge Problem Solutions</td><td><a href="#"></a></td></tr></table>	Title	Link	Touch-type learning application for windows	<a href="#"></a>	An Online Bus Ticket Booking System PIGEON	<a href="#"></a>	Project Management Software Like Trello	<a href="#"></a>	Integer Computer Management Solutions	<a href="#"></a>	Online Admission Test Registration System for KU	<a href="#"></a>	My Online Judge Problem Solutions	<a href="#"></a>	
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Extra Curricular Activities	<ul style="list-style-type: none"><li>Coordinator, CSE Discipline Study Tour-2017</li><li>Organizing Member, KU CSE Fest 2017</li><li>Volunteer, KU CSE Fest 2015</li></ul>															
References	<ul style="list-style-type: none"><li>Dr. Chanchal Roy Associate Professor, University Of Saskatchewan Email: chanchal.roy@usask.ca</li><li>Dr. Md. Anisur Rahman Professor, Khulna University Email: anis@cseku.ac.bd</li><li>Dr. Kamrul Hasan Talukder Professor, Khulna University Email: k.h.t@alumni.nus.edu.sg</li></ul>															