

Sabbir Muhammad Saleh

14-457 Platt's Lane, London, ON, N6G 3H2; (519) 657-8343; ssaleh47@uwo.ca
LinkedIn: <https://www.linkedin.com/in/sabbirmsaleh/>

SUMMARY OF QUALIFICATIONS

- Experienced Teacher with over 6 years at the university level
- Charismatic, deadline-driven, Students Oriented teacher
- Exceptional organizational and management skills developed through diverse talents
- Highly adaptive to adjusting work environments, priorities, and tasks
- Successful undergraduate students' project supervisor

EDUCATION

Doctor of Philosophy, Computer Science January 2021 – Present
The University of Western Ontario, London, ON

- Specialization: Human Computer-Interaction and Software Engineering
- Courses: Information Visualization, Machine Learning, Unstructured Data, Artificial Intelligence II
- Non-Registered/Attending Courses: Software Design and Architecture, Software Engineering for Big Data Applications and Analytics, Introduction to Data Science

Master of Science, Computer Science January 2014 – December 2015
American International University – Bangladesh (AIUB), Dhaka

- Specialization: Software Engineering
- Demonstrated Master's thesis: Comparative Study on Different Software Methodologies Based on Two Start-Up Companies

Bachelor of Science, Computer Science May 2009 – December 2013
American International University – Bangladesh (AIUB), Dhaka

- Final Year Project: Face Finder Android Application
- Internship: Software Engineer – eAKASH BD Ltd. (August 2013 - December 2013)

INTERPERSONAL AND TEACHING EXPERIENCE

Professor (Part-Time) January 2024 – Present

School of Information Technology
Faculty of Business, Information Technology
Fanshawe College, London, ON, Canada

Graduate Teaching Assistant

CS 1027 – Computer Science Fundamentals II	Summer 2024
CS 1032 – Information Systems and Design	Summer 2024
CS 3307 – Object Oriented Design and Analysis	Winter 2024
CS 3307 – Object Oriented Design and Analysis	Fall 2023
CS 2034 – Data Analytics: Principles and Tools	Winter 2023
CS 4471 – Software Design and Architecture	Fall 2022
CS 1032 – Information Systems and Design	Summer 2021

Department of Computer Science
The University of Western Ontario, London, ON, Canada

Assistant Professor (On Study Leave) - 03 years April 11th, 2018 – April 10th, 2021

Department of Computer Science and Engineering
City University, Dhaka, Bangladesh

Lecturer - 3.5 years November 17th, 2014 – April 10th, 2018

Department of Computer Science and Engineering
University of South Asia, Dhaka, Bangladesh

Responsibilities on above roles: **Lecturer and Assistant Professor**

- Department Coordinator
- Designed Outcome Based Curriculum (OBC) for CSE Department
- Designed updated syllabus and curriculum for CSE Department
- Prepared course materials for students
- Provided lectures and conducted labs
- Supervised Undergraduate Final Year Students' projects

ADMINISTRATIVE EXPERIENCE IN UNIVERSITY

Proctor

October 2022 – Present

Departments: Nursing, Biology, Mathematics, Physics and Astronomy, Engineering
The University of Western Ontario, London, ON, Canada

Department Coordinator

April 11th, 2019 – April 10th, 2021

Department of Computer Science and Engineering
City University, Dhaka, Bangladesh

Department Coordinator

November 17th, 2014 – April 10th, 2018

Department of Computer Science and Engineering
University of South Asia, Dhaka, Bangladesh

ADDITIONAL TEACHING EXPERIENCE

Lecturer

July 2014 – November 16th, 2014

Department of Information & Communication Technology
Stamford College, Dhaka, Bangladesh

Computer Instructor (Part Time Basis)

April 2012 – July 2014

Non-Government Organization's ORPHANS' Trainer (Computer Fundamentals)

RESEARCH WORKS and PUBLICATIONS

Conference Papers (Double / Triple Peer Reviewed)

1. **Saleh, Sabbir M.**, Supta Richard Philip, Nahida Akhter Shemu and Khondoker Ali Asgor Pavel "Proposed Service Oriented Architecture for The Inheritance Web App of Bangladesh." In Proceedings – *2020 International Conference on Computation, Automation and Knowledge Management (ICCAKM 2020)*. **IEEE, 2020**
2. **Saleh, Sabbir M.**, Supta Richard Philip, Nahida Akhter Shemu. "Agile Understanding Analysis and Comparison Through Students Evaluation." In Proceedings – *2019 International Conference on Computational Intelligence and Knowledge Economy (ICCIKE 2019)*. **IEEE, 2019**
3. **Saleh, Sabbir M.**, Supta Richard Philip. "Students Evaluation in AGILE after Completing Software Engineering Course." In Proceedings – *2019 1st International Conference on Advances in Science, Engineering and Robotics Technology (ICASERT)*. **IEEE, 2019**
4. **Saleh, Sabbir M.**, Syed Maruful Huq, and M. Ashikur Rahman. "Comparative Study within Scrum, Kanban, XP Focused on Their Practices." *2019 International Conference on Electrical, Computer and Communication Engineering (ECCE)*. **IEEE, 2019**
5. Nahida Akhter Shemu, Md. Zakaria Hossain, **Sabbir M. Saleh** and Khondoker Ali Asgor Pavel "A Machine Learning View for Health Data Mining Emphasizes on The Decision Trees." In Proceedings – *2020 International Conference on Computation, Automation and Knowledge Management (ICCAKM 2020)*. **IEEE, 2020**
6. Huq, Syed Maruful, M. Ashikur Rahman, and **Sabbir M. Saleh**. "Application for integrating microcontrollers to Internet of Things." *2017 20th International Conference of Computer and Information Technology (ICCIT)*. **IEEE, 2017**

REVIEWER OF JOURNALS (SCOPUS INDEXED)

1. Journal of Computer Science January 2020 – Present
ISSN Print: 1549-3636 **ISSN Online: 1552-6607**
SCOPUS indexed Journal – <https://www.scopus.com/sourceid/11700154336>
2. Advances in Science, Technology and Engineering Systems Journal March 2020 – Present
ISSN Online: 2415-6698
SCOPUS indexed Journal – <https://www.scopus.com/sourceid/21100898760>

3. IGI Global - International Journal of Information Technology and Web Engineering (IJITWE) September 2022 – Present
ISSN Print: 1554-1045 ISSN Online: 1554-1053
SCOPUS indexed Journal – <https://www.scopus.com/sourceid/11900154400> **URL:** <https://dl.acm.org/journal/ijitwe-igi>
4. IEEE Transactions on Computational Social Systems (TCSS) October 2022 – Present
ISSN Online: 2329-924X
URL: <https://www.ieeemc.org/publications/transactions-on-computational-social-systems/>
5. Information and Software Technology November 2022 – Present
ISSN Online: 0950-5849
URL: <https://www.sciencedirect.com/journal/information-and-software-technology/>

EDITOR OF JOURNAL

1. Bangladesh Journal of Public Health (BJPH) – Assistant Editor December 2017 – Present
ISSN Print: 2518-3737

INDUSTRIAL EXPERIENCE

- Magento Database Officer** July 2014 – October 2014
Helix IT Solutions (Night Shift)
- Programmer & Analyst** January 2014 – June 2014
Krishibid Group
- Software Engineer** August 2013 – December 2013
eAKASH BD Ltd.

PROJECTS EXPERIENCE

Freelance Projects (Websites Development using PHP, HTML, CSS, JS)

1. JAMS Group (Mar 2019 - May 2019)
2. Dhaka Properties (Apr 2017 - Jun 2017)
3. Executive Air International (Dec 2016 - Jan 2017)
4. Anindo's Collection (Jul 2016 - Dec 2016)
5. MasterStroke Technologies Ltd. (Jan 2015 - Dec 2016)
6. NNSPower (Jun 2015 - Dec 2015)

Projects during the University bachelor's degree period (2009 - 2013)

1. Travel & Tourism Management System (Jan 2010 - Apr 2010)

Project Detail:

A web-based travel and tourism management system. With this web application, any travelling agency can serve its customers online. Customers can search by destination, time, ticket price etc. In addition, they can search and get information about popular hotels in different geolocations. Customers will also be able to book their tickets online.

Responsibilities:

ER, and UML Diagrams Designed

Technology Used:

Front End: HTML, CSS; Back End: JavaScript, PHP.

Development Tools: Eclipse.

2. Prescription Generator (Sep 2012 - Dec 2012)

Project Detail:

Doctors can record the patients and generate prescriptions using this software. It is designed to have a straightforward UI and efficient search system for thousands of drugs and other information.

Responsibilities:

Database Designing

Contribute to UI designing.

Construct and code the business logic.

Technology Used: Front End: Java SE. Back End: Java SE.

Development Tools: Eclipse

Database: MySQL.

3. Alligator Escape (May 2012 - Aug 2012)

Project Detail:

Single Player desktop game, where the player appears as a boatman on a river full of alligators. A player will have to survive for 90 seconds. During the game, play player can take health and power to survive. However, it will be harder to survive for the last 30 seconds.

Responsibilities:

Game designing.

Making graphical elements.

Technology Used:

Language: C#

Development Tools: Microsoft Visual Studio 2010

4. University Website (Jan 2011 - Apr 2011)

Project Detail:

A student/teacher can see their taken courses of all semesters and class by logging in. This website is developed using CodeIgniter and CakePHP to exercise with these frameworks.

Responsibilities:

Design the database.

Writing complex SQL queries.

Construct and code the business logic.

Technology Used:

Front End: HTML, CSS.

Back End: CodeIgniter / CakePHP.

Development Tools: NetBeans.

PROFESSIONAL DEVELOPMENT – WORKSHOP, TRAINING, SEMINAR *IQAC - Institutional Quality Assurance Cell

- Quality Assurance, Self-Assessment and Outcome-Based Education (OBE), IQAC* - City University
- Workshop on Bangladesh Research and Education Networks (BdREN): A wide Landscape of Opportunities, City University
- Workshop on Neuro Education, The Application of Brain Engineering in Outcome Based Education (OBE), City University
- Quality Assurance: Accreditation and Internationalization, IQAC* - City University
- Workshop on "Outcome Based Curriculum for Department of CSE", City University
- Workshop on Duke of Edinburg Award Coordinator, University of South Asia
- Certified SCRUM Master – Training on Agile Software Engineering, PMASPIRE, Dhaka
- CISCO IT Essentials v 4.0, American International University – Bangladesh
- International Workshop on Computer Vision and Application (IWCVA) – 22nd ICCIT 2019, Southeast University, Dhaka
- "An Evening with Researchers 2019", arranged by BigganChinta, ProthomAlo – where 12 Bangladeshi Professors & Assistant Professors were attended a SEMINAR Speakers from various Universities of United States of America (USA).

EXTRA-CURRICULAR ACTIVITIES

- **University Secretariat**
Graduate Student Constituency – Senate Member (July 1, 2024 to June 30, 2025 term)
- **SOCIETY OF GRADUATE STUDENTS (SOGS)**, *University of Western Ontario*
Councillor, Department of Computer Science (Fall 2021 – Fall 2022)
- **SOGS INTERNATIONAL GRADUATE STUDENTS ISSUES COMMITTEE (IGSIC)**, *University of Western Ontario*
Member (Fall 2021 – Present)
- **SOGS GRADUATE STUDENTS ISSUES COMMITTEE (GSIC)**, *University of Western Ontario*
Member (Fall 2021 – Present)
- **SOGS SUBSIDIES COMMITTEE**, *University of Western Ontario*
Member (Summer 2022 – Present)
- **AIUB ORATORY CLUB**, *American International University – Bangladesh (AIUB)*
President (July'13 – July'14); **Asst. General Secretary** (April'12 – July'13); **Debater, Public Speaker** (June'09 – April'12)
- **AIUB PERFORMING ARTS CLUB**, *American International University – Bangladesh (AIUB)*
Reciter (February'10 – January'12)
- **BANGLADESH YOUTH FORUM INTERNATIONAL**
Executive Member, Office of Research (January'10 – January'11)

PARTICIPATIONS

Maaranga Television Live Talk show program for 2 times, BBC Bangladesh Sanglap Episode 66, SATV Youth Voice Episode 34 and 35. Several Debate Competitions and Workshops all over Bangladesh's Universities, Schools, and Colleges.

EDUCATIONAL PROJECT FAIRS

AIUB Freshman Programming Contest' 10: Acquired 19th position.

Intra AIUB Programming Contest' 10: Acquired 13th position. IUB

Project Fair' 12 [Team GHURI]

ROBI-NSU ICT Innovation Quest' 12 [Finalist Team GHURI]

SUB Inter University Programming Contest 2015 as a **TEAM COACH** of Team Shurjo

RESONANCE V9.0 at College of Engineering & Management, Kolaghat, West Bengal, INDIA as a **TEAM COACH** (2017)

INTERESTS

Table Tennis, Technology, Travel, History and Culture, Music, Books (Novels)

REFERENCES

Please check later pages for details

Declaration

I do hereby declare and certify that all the information stated above is true and complete to the best of my knowledge and belief.

- Sabbir Muhammad Saleh

Sabbir Muhammad Saleh

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CAN GIVE EVIDENCE OF GOOD TEACHING, and COORDINATION.

References

Dr. M Ashikur Rahman (Former Colleague)

Assistant Professor, Computer Science

University of Liberal Arts Bangladesh

Dhaka, Bangladesh

..... **Tel # +880-1735-524483** (Cell)
EST (09:00 am to 10:00 am)
Or Dhaka Time (11:00 am to 04:00 pm)
.....**ashikur.rahman@ulab.edu.bd** (Best method of contact)

Syed Maruful Huq (Former Colleague)

Assistant Professor, Computer Science

Presidency University

Dhaka, Bangladesh

..... **Tel # +880-1975-077044** (Cell)
EST (09:00 am to 10:00 am)
Or Dhaka Time (11:00 am to 04:00 pm)
.....**maruf@pu.edu.bd** (Best method of contact)

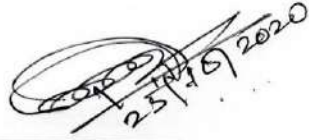
October 25, 2020

TO WHOM IT MAY CONCERN

This is to certify that **Mr. Sabbir Muhammad Saleh** has been serving as a full time Assistant Professor in the Department of Computer Science and Engineering at City University, Bangladesh since April 11 , 2018 to till date.

As per university records and to the best of my knowledge, Mr. Sabbir Muhammad Saleh did not take part in any activities subversive to the university or of discipline.

I wish him every success in life.


25/10/2020

M A Hannan
Registrar



University of South Asia

Govt. & UGC Approved Since-2003 The Career University

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USA-WE-FT-18-04-16

16.04.2018

TO WHOM IT MAY CONCERN

This is to certify that Sabbir Muhammad Saleh, son of Mohd. Saleh Siddique and Khaleda Khatun, House#26, Road#10, Block – D, Section# 12, Mirpur, Dhaka-1216, had been working as a Lecturer and Department Coordinator at the Department of Computer Science and Engineering under the School of Engineering in the University of South Asia since 17th November 2014 to 10th April 2018.

We always found him sincere, hardworking, technically sound and result oriented during his working time. He was a friendly, an outstanding personality and he worked here well as part of a team.

We take this opportunity to thank him for his contribution and wish him success in his future endeavors.

I wish him every success in life.

Mohammad Kamruzzaman
Registrar
University of South Asia