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
- 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

Graduate Teaching Assistant

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
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.ieeesmc.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.

PROFESSIONAL DEVELOPMENT – WORKSHOP, TRAINING, SEMINAR

- 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 as SEMINAR Speakers from various Universities of United States of America (USA).

* IQAC - Institutional Quality Assurance Cell

EXTRA-CURRICULAR ACTIVITIES

- **SOCIETY OF GRADUATE STUDENTS (SOGS),** *University of Western Ontario*
  Councillor, Department of Computer Science (Fall 2021 – Fall 2022)
- **INTERNATIONAL GRADUATE STUDENTS ISSUES COMMITTEE (IGSIC),** *University of Western Ontario*
  Member (Fall 2021 – Present)
- **GRADUATE STUDENTS ISSUES COMMITTEE (GSIC),** *University of Western Ontario*
  Member (Fall 2021 – 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

Maasranga 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

Can provide upon request

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

My University Teaching Profile (Fall 2014 – Fall 2020) *in descending order* **– SABBIR M. SALEH**

Fall 2020 (December 2020 to March 2021)
System Analysis and Design
Software Engineering

Summer 2020 (August to November)
Data Communication
Software Engineering
Software Quality Assurance

Summer 2019 (August to November)
System Analysis and Design
Software Engineering
Software Quality Assurance

Spring 2019 (April to July)
Software Engineering
Discrete Mathematics

Fall 2018 (December 2018 to March 2019)
System Analysis and Design
Software Engineering
Data Communication

Spring 2020 (April to July)
Data Communication
Software Engineering
Software Quality Assurance

Fall 2019 (December 2019 to March 2020)
Software Engineering
Software Quality Assurance

Summer 2018 (August to November)
Digital Logic Design
Data Communication
Compilers
Software Quality Assurance

Spring 2018 (April to July)
Digital Logic Design
Discrete Mathematics
Data Communication
Computer Fundamentals for LAW
Computer Application in Business for Business

In **April 2018** (in the middle of the month after completing the final exams)
I joined the **City University** as an **Assistant Professor** from the **University of South Asia** (completed all the assigned responsibilities)

Spring 2018 (January to April)
System Analysis and Design
Software Engineering
Software Engineering and Project Management
Computer Organization and Assembly Programming

Fall 2017 (September to December)
Computer Peripherals and Interfacing
Database Management System
Software Engineering
Software Quality Assurance
Computer Application for Business
Management Information System (MIS)

Summer 2017 (May to August)
Computer Fundamentals
Structured Programming Language (C)
Multimedia System Design
Software Engineering
Computer Programming Applications for Business

Spring 2017 (January to April)
Computer Fundamentals
Structured Programming Language (C)
Multimedia System Design
Computer Peripherals and Interfacing
Computer Programming Applications for Business

Fall 2016 (September to December)
Computer Fundamentals
Structured Programming Language (C)
Computer Graphics
Software Engineering

Summer 2016 (May to August)
Computer Fundamentals
Structured Programming Language (C)
Computer Peripherals and Interfacing
Software Engineering and Project Management

Spring 2016 (January to April)
Computer Fundamentals
Structured Programming Language (C)
Database Management System
Multimedia System Design

Fall 2015 (September to December)
Computer Fundamentals
Software Engineering
Introduction to Computers for Business
Computer Application for Business

Summer 2015 (May to August)
Computer Fundamentals
Structured Programming Language (C)
Computer Graphics
Simulation and Modeling

Spring 2015 (January to April)
Computer Fundamentals
Structured Programming Language (C)
Computer Peripherals and Interfacing

Fall 2014 (September to December)
I was not assigned to take any courses this semester because I joined in **November 2014**.