

# Mohammed Shafiul Alam Khan

Director and Associate Professor  
Institute of Information Technology, University of Dhaka  
Dhaka - 1000, Bangladesh  
Mobile: +88 01748 890280, Nationality: Bangladesh  
Email: [shafiul@du.ac.bd](mailto:shafiul@du.ac.bd), [shafiulalam@gmail.com](mailto:shafiulalam@gmail.com)

## EDUCATIONAL QUALIFICATIONS

---

- Sep 13 ~ July 17*     **PhD in Information Security**  
Information Security Group (ISG), Royal Holloway, University of London (RHUL)  
Egham, Surrey TW20 0EX, United Kingdom
- March 07 ~ August 09*     **Master in Business Administration**  
Institute of Business Administration (IBA), University of Dhaka, Dhaka,  
Bangladesh  
Major: Finance and Accounting
- July 05 ~ Feb 07*     **M.Sc. in Computer Science and Engineering**  
Department of Computer Science and Engineering, University of Dhaka, Dhaka,  
Bangladesh
- July 99 ~ Dec 04*     **B.Sc. in Computer Science and Engineering**  
Department of Computer Science and Engineering, University of Dhaka, Dhaka,  
Bangladesh
- 1992 ~ 98*     **SSC and HSC (Science)**  
Mirzapur Cadet College, Tangail

## EMPLOYMENT RECORD

---

- August 20 ~ till*     **Director**  
Institute of Information Technology, University of Dhaka, Dhaka
- March 18 ~ date*     **Associate Professor**  
Institute of Information Technology, University of Dhaka, Dhaka  
Major Responsibility  
Coordinating research project and teaching undergraduate and postgraduate students.
- Sep 16 ~ July 17*     **Research Associate**  
GSMA London Office  
The Walbrook Building, 25 Walbrook, London, EC4N 8AF, UK
- Sep 14 ~ May 17*     **Teaching Assistant**  
Royal Holloway University of London, UK
- June 10 ~ February 18*     **Assistant Professor**  
Institute of Information Technology, University of Dhaka, Dhaka  
Major Responsibility

Coordinating student's project and teaching undergraduate and postgraduate students.

- Sept 12 ~ June 13 **IT Consultant**  
Jatio Mohila Songstha, Ministry of Women and Children Affair, Government of Bangladesh  
Project Name: Tottho Apa- Empowering women through ICT (Nationwide IT Project)  
Major responsibilities are to provide technical support in implementing data warehouse and setting up call center solutions.
- Sept 11 ~ Sept 12 **IT Consultant**  
GIZ Bangladesh  
Major responsibilities are to provide technical support in implementing automation of citizen services in few selected municipalities
- May 09 ~ July 09 **Intern (Trainee)**  
NTT Neomeit, Japan
- Jan 08 ~ May 10 **Lecturer**  
Institute of Information Technology, University of Dhaka
- Jan 06 ~ Dec 07 **Lecturer**  
Department of Computer Science, Stamford University Bangladesh
- April 05 ~ Dec 05 **Quality Assurance (QA) and Network Engineer**  
KAZ Software Ltd.

## PROFESSIONAL TRAINING

---

- July 2016 **Cryptography Design for the Internet of Things (IoT)** - One week International summer school organized by KU Leuven, Belgium and NXP
- June 2015 **Wireless and Mobile Security and Penetration Testing** - Two day workshop organized by University of London
- September 2014 **Foundations of Security Analysis and Design** - One week International summer school organized by University of Bologna, Italy, NESSoS and CryptoForma
- 26<sup>th</sup> November, 2013 **Introduction to Teaching and Learning in Higher Education-** General skill program training for teaching at UK educational institute, organized by Royal Holloway University of London, Egham, Surrey, TW20 0EX, United Kingdom.
- July 10 ~ August 10 **Number Theory in Cryptography and Its Applications** - A satellite conference of ICM 2010, organized by CIMPA-UNESCO-Nepal research school.
- January 10~Feb 10 **Infrastructure Security** - A tutorial-based training organized by SANOG
- May 09 ~ July 09 **IP Network Building and Monitoring Technology** - Lecture and Practice 222 hours: Optical fiber network setup and maintenance; organized by the Japan International Cooperation Agency (JICA) with NTT Neomeit, Japan.

Sep, 2007      **CCNI 2: Routers and Routing Basics**

July, 2007      **CCNI 1: Networking Basics**

## PROJECT WORKS

---

- Developed a microcontroller base device for remote communication through mobile phone
- Developed on-line tender management system for the University of Dhaka (<http://e-tender.univdhaka.edu>)
- Developed control device application “Tele-Control over Large Geographical Area”. The application can authenticate user; control the operation on the connected electronic device located in a remote location and display the status of the connected device in user’s cell phone.
- Developed DBMS application “Library Management System”
- Development of online blood bank management system for “Badhon”- A voluntary blood donation organization
- Developed database software to store records of all case information and efficient retrieval of the same for Dhaka Metropolitan Police (South), Bangladesh

## SCHOLARSHIPS, AWARDS AND GRANTS

---

- Commonwealth Scholarship – 2013 for PhD study program [October 2013 ~ September 2016]
- Travel and housing grant from International Centre for Pure and Applied Mathematics to participate in CIMPA-UNESCO-NEPAL School on **Number Theory in Cryptography and its Application** [19 July ~ 31 July 2010]
- Travel and housing grant from the Japan International Cooperation Agency (JICA) with NTT Neomeit, Japan for participating in the Advanced Training Course in **IP Network Building and Monitoring Technology** [09 May ~ 12 July 2009].
- Secured **1<sup>st</sup> position** at the event named “**Innovation Search**” in national exhibition, **BASIS SOFTEXPO, 2007** for the control device application **Tele-Control over Large Geographical Area**.
- Faculty Merit Scholarship – awarded by University of Dhaka for getting 3<sup>rd</sup> highest mark in B.Sc. among the Departments of Science faculty.
- Undergraduate Merit Scholarship - awarded by government in recognition of performance in Higher Secondary School Certificate Examination. Received this award in 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year of B.Sc. program.

## REFERENCES

---

### Professor Chris J Mitchell

Information Security Group (ISG)  
Royal Holloway University of London (RHUL)  
Egham, Surrey TW20 0EX, United Kingdom

Email: [C.Mitchell@rhul.ac.uk](mailto:C.Mitchell@rhul.ac.uk)

URL: [www.chrismitchell.net](http://www.chrismitchell.net)

### Professor Dr. Mahbubul Alam Joarder

Professor  
Institute of Information Technology  
University of Dhaka, Dhaka -1000

Email: [joarder@du.ac.bd](mailto:joarder@du.ac.bd)

[bilu.shoma@gmail.com](mailto:bilu.shoma@gmail.com)