

DIPOK CHANDRA DAS

Assistant Professor, Noakhali Science and Technology University
Noakhali-3814, Bangladesh
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EDUCATION

University of Dhaka, Bangladesh

June 2018

Master of Science in Software Engineering
Thesis: Automated Identification of Security and Performance Bug Reports
Supervisor: Md Rayhanur Rahman
CGPA: 3.77 out of 4.00

University of Dhaka, Bangladesh

Dec 2016

Bachelor of Science in Software Engineering
Thesis: An information retrieval approach to concept location in source code
Supervisor: Md Rayhanur Rahman
CGPA: 3.90 out of 4.00

TEACHING EXPERIENCE

Institute of Information Technology, Noakhali Science and Technology University

Jun 2021 - Present

Assistant Professor

Noakhali, Bangladesh

Institute of Information Technology, Noakhali Science and Technology University

Nov 2018 - Nov 2020

Lecturer

Noakhali, Bangladesh

Duties Included:

- Teaching software engineering courses: software metrics, software maintenance, software design & architecture, software requirements specifications & analysis, design pattern, discrete mathematics, theory of computation, database management systems, operating systems, technology and society, and more
- Supervising students (undergraduate) on Software Project Labs
- Mentoring and advising students (undergraduate and graduate)

INDUSTRY EXPERIENCE

Multimedia Content and Communications Limited

Jan 2016 - Jun 2016

Intern, Mobile Application

Dhaka, Bangladesh

- Conducted Software Testing of "ghurbo.com": a travel assistant application to search for hotels near tourist spots, book and purchase tickets, etc.
- Involved in developing an mobile application of shopping platform offering lifestyle products
- Volunteered in National Hackathon 2016 at Dhaka
- Explored similarities and dissimilarities of software engineering practices between industry and academia
- Observed the work environments in the industry

PUBLICATIONS

- **Dipok Chandra Das**, Dipanita Saha, Tahrir Kabir, Prosanto Deb, Joy Bhowmik "Analysis of COVID-19 Coverage in Bangladesh News Media Using Topic Modelling," *International Journal of Engineering Applied Sciences and Technology*, 5(7), 2020 November.
- **Dipok Chandra Das**, Dipanita Saha "Neighbor Score: Impact of Neighboring Regions in COVID-19 Outbreak," *International Journal of Advanced Research in Computer Science*, 11(5), 2020 October.
- **Dipok Chandra Das**, Md. Rayhanur Rahman "Security and performance bug reports identification with class-imbalance sampling and feature selection" *In 2018 Joint 7th International Conference on Informatics, Electronics & Vision (ICIEV) and 2018 2nd International Conference on Imaging, Vision & Pattern Recognition (icIVPR)*, 316-321, 2018 June.

SOFTWARE PROJECTS

- **Door 2 Door Follow Corona**
D2D Follow Corona: It is a door-to-door data collection concept related with corona virus (COVID-19).
- **Transactions Book**
D2D Follow Corona: It is a door-to-door data collection concept related with corona virus (COVID-19).
- **Concept Locator**
D2D Follow Corona: It is a door-to-door data collection concept related with corona virus (COVID-19).
- **CrickCircle**
D2D Follow Corona: It is a door-to-door data collection concept related with corona virus (COVID-19).
- **Software Projects Supervisions**
 - *Chemistry Calculator* by Md. Rayhan, *IIT Library 2.0* by Prosanto Deb, *Key Type* by Masum Billah

RESEARCH PROJECTS

- **Door 2 Door Follow Corona**
D2D Follow Corona: It is a door-to-door data collection concept related with corona virus (COVID-19).
- **Door 2 Door Follow Corona**
D2D Follow Corona: It is a door-to-door data collection concept related with corona virus (COVID-19).
- Research Projects Supervisions
 - Code Smell Detector by Armanur Rashid, AI Code Detector by Anupa

HONORS AND AWARDS

Grant: Fellowship from ICT Division, Ministry of Posts, Telecommunications and Information Technology, Bangladesh, No-56.00.0000.028.33.094.18-168, May 2018

Fellowship: Fellowship from ICT Division, Ministry of Posts, Telecommunications and Information Technology, Bangladesh, No-56.00.0000.028.33.094.18-168, May 2018

Scholarship: Secondary School Certificate Scholarship, 2010; Junior School Scholarship, 2007 and Primary School Scholarship, 2004

PROFESSIONAL SERVICE

- Course Coordinator, Bachelor of Science in Software Engineering, Session 2020-2021, 2022-Present
- Member, Souvenir Publication Committee, International Conference on Machine Intelligence and Emerging Technologies 2022 (MIET 2022)
- Chairman, Software Project Lab II Evaluation Committee, (Mar 2024 - Oct 2024, Feb 2022 - Sep 2022)
- Chairman, Software Project Lab I Evaluation Committee, (Feb 2023 - Sep 2023, Feb 2022 - Sep 2022)
- Member, Software Project Lab II Evaluation Committee, (Jan 2020 - August 2021)
- Member, Software Project Lab I Evaluation Committee, (Jan 2020 - August 2021, Jan 2019 - Jun 2019)

SKILLS

Languages	Native Language: Bengali, Foreign Language: English
Computer Skills	Mobile Applications : Android IDEs Tools: Eclipse, Android Studio, IntelliJ IDEA, PyCharm Version Control:Git Database Management System: MySQL, Oracle Operating Systems Windows, Debian Linux Families Data Analytics R, RStudio

REFERENCES

1. Dr. Kazi Muheymin-US-Sakib

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University of Dhaka
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3. Md Rayhanur Rahman

Assistant Professor, Department of Computer Science
University of Alabama
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2. Dr. Md. Nuruzzaman Bhuiyan

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4. Dr. Md. Shariful Islam

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