

# DIPOK CHANDRA DAS

Noakhali Science and Technology University ◇ Noakhali 3814  
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cd-dpk.github.io

## EDUCATION

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### 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

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### Institute of Information Technology, Noakhali Science and Technology University

Nov 2020 - Present

*Assistant Professor*

*Noakhali, Bangladesh*

- 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)

### Institute of Information Technology, Noakhali Science and Technology University

Nov 2018 - Nov 2020

*Lecturer*

*Noakhali, Bangladesh*

- 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)

## RESEARCH WORK

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### • PUBLICATIONS

- The individual entries are indicated with a black dot, a so-called bullet
- The text in the entries may be of any length

**Note:** I would like to describe something here

**Caveat!** And give a warning here

### • INTERESTS

- The individual entries are indicated with a black dot, a so-called bullet
- The text in the entries may be of any length

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**Caveat!** And give a warning here

## INDUSTRY EXPERIENCE

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### **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

## SOFTWARE PROJECTS

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- **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

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- The numbers starts at 1 with each use of the `enumerate` environment

## HONORS AND AWARDS

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**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

**Scholarship:** Junior School Scholarship, 2007

**Scholarship:** Primary School Scholarship, 2004

## PROFESSIONAL SERVICE

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- 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)

## TECHNICAL STRENGTHS

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<b>Computer Languages</b>	Prolog, Haskell, AWK, Erlang, Scheme, ML
<b>Protocols &amp; APIs</b>	XML, JSON, SOAP, REST
<b>Databases</b>	MySQL, PostgreSQL, Microsoft SQL
<b>Tools</b>	SVN, Vim, Emacs

## REFERENCES

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1. **Dr. Kazi Muheymin-Us-Sakib**  
Professor, Institute of Information Technology, University of Dhaka  
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2. **Dr. Md. Shariful Islam**  
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3. **Md Rayhanur Rahman**  
Assistant Professor, Department of Computer Science, University of Alabama  
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Email: mdrayhanur.rahman@ua.edu