PERSONAL INFORMATION

Bikash Chandra Karmokar

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Skype - bksbd007 | Date of birth: 30/12/1990 | Sex: Male | Nationality: Bangladeshi

CURRENT STATUS

M.Sc. Student, ITIS, Leibniz Universität Hannover

WORK EXPERIENCES

October 2017 – Present

Research Assistant(Hiwi)
German Aerospace Center (DLR), Braunschweig, Germany
Project: Simulation Scenario Definition Language Tool Development
Working Platforms: Java, Jgraphx, XML, XPath

May 2017 – February 2018

Research Assistant(Hiwi)
Leibniz Universität Hannover, Germany.
Projects: Validated Simulation of Map-Reduce Systems, Validating the Queuing Theory of Map-Reduce Systems.
Working Platforms: Java, Python, Scala, Spark

January 2016 – October 2016

Adjunct Lecturer
Notre Dame University Bangladesh,   Motijheel, Dhaka-1000,

Taught Courses: Object Oriented Programming Using Java and Introduction to Programming Using C

November 2013 – October 2016

Lecturer
Bangladesh University, Mohammudpur, Dhaka 1207,

Taught Courses: Object Oriented Programming Using Java, Software Engineering and System Analysis and Design

January 2015 – December 2015

Software engineer (Part Time)
Company Name: APSIS SOLUTIONS | Working Platform: PHP, MySQL, Android

January 2013 – October 2013

Software engineer
Company Name: HI-TECH BANGLA | Working Platform: Java, MySQL

July 2012 – December 2012

Software engineer
Company Name: XCIDO LIMITED | Working Platform: C#, ASP.NET

EDUCATION

2008 - 2012

Bachelor of Science in Computer Science & Engineering
Khulna University of Engineering and Technology (KUET)

ADDITIONAL INFORMATION

Publications

- Kazi Md. RokibulAlam, **Bikash Chandra Karmokar**, Md. KibriaSiddiquee, "A comparison of constructive and pruning algorithms to design neural networks", Indian Journal of Computer Science and Engineering (IJCSE), ISSN : 0976-5166 Vol. 2 No. 3 Jun-Jul 2011

- **Bikash Chandra Karmokar**, Kazi Md. RokibulAlam, Md. KibriaSiddiquee, "An intelligent approach to recognize touchless written Bengali characters", International Conference on Informatics, Electronics & Vision (ICIEV), ISSN: 2226-2105, 2012, Dhaka, Bangladesh

- **Bikash Chandra Karmokar**, Kazi Md. RokibulAlam, Md. KibriaSiddiquee, "Bangladeshi Sign Language Recognition Employing Neural Network Ensemble", International Journal of Computer Applications, vol. 58, issue 16, pp. 43-46, 2012.

- Tonny Shekha Kar, M. A. Parvez Mahmud, Shahjadi Hisan Farjana, Kawser Wazed Nafi and **Bikash Chandra Kormokar**, "A Newer Secure Communication, File Encryption and User Identification Based Cloud Security Architecture", International Journal of Computer Applications, 52(4):14-30, August 2012. Published by Foundation of Computer Science, New York, USA.

- **Bikash Chandra Karmokar**, M. A. Parvez Mahmud, Md. Kibria Siddiquee, Kawser Wazed Nafi, Tonny Shekha Kar, "Touchless Written English Characters Recognition using Neural Network", International Journal of Computer & Organization Trends –Volume2Issue3- 2012.
- **Bikash Chandra Karmokar,** Mohammad Samawat Ullah, Md. KibriaSiddiquee, Kazi Md. RokibulAlam "Tea Leaf Diseases Recognition using Neural Network Ensemble", International Journal of Computer Applications, vol. 114, No. 17, March, 2015.

Job Related Skills

- Good at: C, C++, JAVA, Python, R
- Basic Skills: MATLAB, Scala
- Little Experience: ANDROID, C#, ASP.NET, PHP, HTML5, CSS3, Javascript
- Database Management Systems: MS SQL Server 2008/2012, Oracle, MySQL,
- Operating Systems: Windows 7, 10 and Ubuntu.
- Good knowledge in Latex
- IDE Experience: Code Blocks, Netbeans, Eclipse, Visual Studio 2015, RStudio

Honours and awards

- Best Teacher Award, Academic Section, Bangladesh University, 2014
- Most Creative Project award in varsity project fair in 2011
- University scholarship for excellent result in last two years
- Rajshahi Board Scholarship for excellent result in Secondary School Certificate
- Imdad-Sitara Khan Scholarship for excellent result in Secondary School Certificate
- Junior scholarship in class Eight

PERSONAL SKILLS

Language(s)

- Bengali (Native)
- English (Fluent)
- German (Beginner)

Communication and Organisational skills

- Good communication skills gained through my experience as a University lecturer
- Leadership - During my job in the university I have to maintain an IDEA centre as a key person.
- Hard working, Can adapt with multicultural environment and Deep Enthusiasm in research oriented work

Co-Curricular and Extra-Curricular Activities

- Coached juniors on Basic Programming arranged by Department of CSE, KUET
- Acted as a resource person in C# and Java coaching programs
- Attended several programming contest events in KUET
- Presented seminars on different topics as a part of academic courses
- Acted as a General Secretary of Association of Rajshahi Kueti@ns (ARK), KUET

Professional Projects

- Unique IOS and IGW Billing System
- Loyalty Management Program, BAT, Philippine
- Student Management System, Bangladesh Open University
- Android Applications: Unknown Call Handler, SMS Redirector, Bulk SMS Sender
- Fighter Controller Training Unit Simulator of Bangladesh Air Force

Mentionable Academic Projects

- Intelligent Touch Less Writer Using Neural Network
- Sign Recognition Software Using Neural Network
- PC to Mobile Chatting Using Bluetooth Technology
- A Social Networking Site Like Facebook

References

- **Dr. Kazi Md. Rokibul Alam**
  Professor,
  Dept. of Computer Science and Engineering,
  Khulna University of Engineering & Technology (KUET), Khulna, Bangladesh
  E-mail:rokibcse@yahoo.com
- **Dr. Md. Sheikh Sadi**
  Professor,
  Dept. of Computer Science and Engineering,
  Khulna University of Engineering & Technology (KUET), Khulna, Bangladesh
  E-mail: muhammad.sadi@graduate.curtin.edu.au