



# Koushik Chowdhury

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## WORK EXPERIENCE

OCT 20 - JUNE 21

### HiWi- System Administrator

Computer Graphics Department, Saarland University

AUG 1, 2017 -  
MAR 31 2018

### Software Quality Assurance cum Implementation & Support Engineer

[Data Head Pvt LTD.](#)

- *Code Refactoring for the management application (PHP, JavaScript)*
- *Resolve database problems, queries, error report and perform bug fixes (MSSQL, MySQL)*
- *Doing different types/levels of software testing for ensuring software integrity and quality.*
- *Analyze the Client's requirements and ensuring that these are met.*
- *Review the implementation and efficiency of quality and inspection systems.*

*Some work: (As a Web Developer and Database Development and Maintenance)*

- <http://bangladeshpost.gov.bd> (Web Applicaion)
- <http://bulkmail.bangladeshpost.gov.bd/>
- *Energypac (ERP Application)*
- *Tahsin Agro (ERP Application)*
- *National Tea (ERP Application)*

MAY 2017 - JULY 2017

### Intern Software QA Department

[Data Head Pvt. Ltd.](#)

NOV 16 - JAN 17

### Software Engineer Internship

[Four D Communications Limited](#)

## EDUCATION

PRESENT

### Master Of Science (MSc.) In Computer Science

[Saarland University](#)

2017 - FEB 2017

### Bachelor of Science (BSc.) In Computer Science and Engineering

[American International University-Bangladesh \(AIUB\)](#)

## PUBLICATION

### Predicting Autism Spectrum Disorder Using Machine Learning Classifiers

[IEEE Conference: 2020 RTEICT](#)

<https://arxiv.org/abs/2101.09279>

### Spam Identification on Facebook, Twitter and Email using Machine Learning

[CERES Journal, Volume 6, Issue 1, 2020](#)

[http://ceres-journal.eu/download.php?file=2020\\_01\\_03.pdf](http://ceres-journal.eu/download.php?file=2020_01_03.pdf)

## SKILLS

### PROGRAMMING LANGUAGES

C, Java, R, Python

### WEB TECHNOLOGIES

PHP, HTML, JavaScript, CSS

### DATABASES

SQL, MySQL, MSSQL.

### OTHER TOOLS

WEKA, Web Hosting, FileZilla, Cisco Packet Tracer, GitHub MS Office Applications, CAD

## OTHER PROJECTS

### Identify tumor patients with Deep Learning approaches based on microRNAs measured in blood samples.

Machine Learning Project-Seminar (Bioinformatics, Saarland)

*In this report, I present a comparison of multiple approaches to find a model best suited to the problem.*

### Predict the champions for League of Legends

[Software Project-Neural Networks \(CS, Saarland\)](#)

*This project aims at providing an interface where a team can pick the best probable champions. Interface suggests champions based on their winning probabilities. We employ neural network technology to predict the best probable champions with the highest probability of winning.*

### Analyzing the Goal Contribution of English Club Midfielders.

Data Mining, (AIUB, Bangladesh)

*In this research, A classification model has been built by using data mining techniques to predict the goal contribution of English club Midfielders. To validate the populated model, several experiments were done by using real data that collected from one single season (2015-16) of English Club Football.*

## CERTIFICATION

JAN 2018

### Machine Learning With Big Data

[Coursera](#)

*an online non-credit course authorized by University of California, San Diego and offered through Coursera. Certificate Link: [goo.gl/NXqFc6](https://goo.gl/NXqFc6)*

MAR 2017 - APR 2017

### NDG Linux Unhatched - 1116

[Cisco Network Academy](#)

*Establish basic knowledge that starts to build Linux expertise, a valuable skill needed for in-demand IT careers.*

## LANGUAGE SKILLS

- Bangla: Native or bilingual proficiency.
- English: Professional working proficiency (IELTS 6.5).
- German: Completed A1

## GITHUB

<https://github.com/chykoushik>

## REFERENCE

- Mr. Sharfuddin Mahmood
- Assistant Professor & Special Assistant [OSA], Computer Science
- American International University-Bangladesh
- Email: [smahmood@aiub.edu](mailto:smahmood@aiub.edu)