

Soaibuzzaman

Master's Student

A Computer Science graduate. Career objective is to dedicate me to the field of research and development of Computer Science and Engineering and particularly in Data Science and Deep Learning related research.



soaib.safi@gmail.com ✉

+4915906501634 📞

Chemnitz, Germany 📍

www.soaibsafi.com/ 🌐

linkedin.com/in/soaibuzzaman-2a080378 in

github.com/soaibsafi 🐙

EDUCATION

M.Sc., Automotive Software Engineering, Technische Universität Chemnitz

09/2019 – Present

Chemnitz (Germany)

B.Sc., in Computer Science & Engineering, American International University – Bangladesh

10/2014 – 12/2018

Grade: 1.3 (German Scale)

Thesis

- Attention Based English to Bangla Machine Translation Using Sequence to Sequence Learning with Neural Networks. Source Code: <https://github.com/soaibsafi/seq2seq-e2b>

PERSONAL PROJECTS

Competitive Programming

- <https://github.com/soaibsafi/Competitive-programming>

Bill Payment System (JSP & Oracle) (2018)

- <https://github.com/soaibsafi/Payment-System>

Falling Star Game (C++ & OpenGL) (2017)

- <https://github.com/soaibsafi/FallingStar>

Multipurpose Inventory Management System (C#) (2017)

- <https://github.com/soaibsafi/IMS>

Maze Eater Game (Java) (2016)

- <https://github.com/soaibsafi/SimpleMazeGame>

WORK EXPERIENCE

Wissenschaftliche Hilfskraft Fraunhofer-IWU

07/2020 – Present

Chemnitz, Germany

Task

- Machine data measurement and visualization through Augmented Reality (AR)

Programmer / Application Developer Palmer Gruppe

03/2020 – 07/2020

Chemnitz, Germany

Tasks

- Web development with customized php framework & MySQL

Teaching Assistant

American International University – Bangladesh

01/2018 – 04/2018

Dhaka, Bangladesh

SKILLS

C

C++

Python

C#

Java

Servlet

Assembly

Machine Learning Algorithms

OmenMP

Regression Analysis

openGL

LATEX

NLP

Oracle(PL/SQL)

MySQL

SQL Server

Git

SVN

Node.js

XML

SOAP

Maven

REST

Spyder

Anaconda

Visual Studio

Eclipse

Emu8086

Multisim

PSpice

CAN Bus

AutoCAD

ACHIEVEMENTS

Runners up in Idea Prototyping, AIUB CS Fest 2017 (2017)

26th in Divisional Science Olympiad (2013)

Organized by Bangladesh Academy of Sciences

16th in National Math Olympiad (2013)

Organized by Bangladesh Mathematical Olympiad

RESEARCH INITIATIVE

● High Dynamic Range Imaging Using Sub-Pixel Architecture for Automotive CMOS Sensor (2020)

● Mental Health After Stroke and Rehabilitation Using BCI Technology and VR Feedback (2017)

PUBLICATIONS

● S. Ahmed, Soaibuzzaman, S. Rahman, and M. Saiedur Rahaman, "A Blockchain-based Architecture for Integrated Smart Parking Systems," in PerAwareCity'19 - 4th IEEE International Workshop on Pervasive Context-Aware Smart Cities and Intelligent Transport Systems (PerAwareCity'19), Kyoto, Japan, Mar. 2019.

LANGUAGES

English

Full Professional Proficiency

German

Elementary Proficiency

INTERESTS

Machine Learning

Artificial Intelligence

Computer Vision