

Soaibuzzaman

Master's Student

A Computer Science graduate. Career objective is to dedicate myself to the field of research and development of Computer Science, particularly in Deep Learning and computer vision related research.



soaib.safi@gmail.com ✉

+4915906501634 📞

Chemnitz, Germany 📍

www.soaibuzzaman.com/ 🌐

linkedin.com/in/soaibuzzaman-2a080378 in

github.com/soaibsaifi 🐙

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/soaibsaifi/seq2seq-e2b>

PROJECTS

OPC UA interface with Unity (07/2020 - Present)

- <https://github.com/soaibsaifi/OPC-Ua-Unity>

Competitive Programming

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

Bill Payment System (JSP & Oracle) (2018)

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

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

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

Multipurpose Inventory Management System (C#) (2017)

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

Maze Eater Game (Java) (2016)

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

WORK EXPERIENCE

Wissenschaftliche Hilfskraft Fraunhofer-IWU

07/2020 - Present

Chemnitz, Germany

Task

- Machine Automation
- 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

Python

C

C++

C#

Node.js

Express.js

Vue.js

Java

Assembly

OPC UA

openCV

openGL

Machine Learning Algorithms

NLP

Git

Regression Analysis

LATEX

Unity3D

REST

Oracle(PL/SQL)

MySQL

MongoDB

SVN

XML

SOAP

Spyder

Anaconda

Visual Studio

Emu8086

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