



# Yasin Arafat

Master's student

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Chemnitz, Germany

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During my time as a computer science student at the university, I acquired a broad range of technical skills and gained a deep understanding of fundamental concepts in programming, algorithms, and software development.

## EDUCATION

### MSc. Automotive Software Engineering Technische Universität Chemnitz

10/2019 - Present

Chemnitz, Germany

courses

- Automotive Software Engineering
- Software Service Engineering
- Image Understanding
- Formal Specification & Verification
- Advanced Management of Databases
- Software Platforms for Automotive Systems and so on

### BSc. Computer Science & Engineering Daffodil International University

01/2014 - 01/2018

Dhaka, Bangladesh

courses

- Computer Fundamentals
- Computer Architecture
- Algorithm
- Problem Solving
- Computer Graphics
- Discrete Mathematics and so on

## WORK EXPERIENCE

### Website Developer Alpha Broadway Ltd

03/2018 - 08/2018

Dhaka, Bangladesh

Special services / area of responsibility

- Developing websites
- Maintain webservice
- Troubleshooting

### Computer programmer Two point two IT & Co.

10/2018 - 10/2019

Dhaka, Bangladesh

Special services/area of responsibility

- Developing full stack websites
- Wordpress
- Website servicing & take care
- Developing apps & software

## SKILLS



## PROJECTS

Pizza manager (10/2020 - 02/2021)

Automated Speech Recognition in Bangla (ASRB)  
(06/2017 - 12/2017)

## PAPERS

Minimizing the cost of water in fuel sensor by using time-domain reflectometry based system (06/2020)  
[https://www.academia.edu/104446801/Minimizing\\_the\\_cost\\_of\\_water\\_in\\_fuel\\_sensor\\_by\\_using\\_time\\_domain\\_reflectometry\\_based\\_system](https://www.academia.edu/104446801/Minimizing_the_cost_of_water_in_fuel_sensor_by_using_time_domain_reflectometry_based_system)

Depth Estimation from Stereo Camera Based on Convolutional Neural Networks (03/2022)  
[https://www.academia.edu/104446867/Yasin\\_arafat](https://www.academia.edu/104446867/Yasin_arafat)

Automated visual inspection based on deep learning (07/2023)  
[https://www.academia.edu/107033126/Automated\\_Visual\\_Inspection\\_based\\_on\\_Deep\\_Learning](https://www.academia.edu/107033126/Automated_Visual_Inspection_based_on_Deep_Learning)

## CERTIFICATES

Professional Dot Net Training Program  
(06/2016 - 10/2016)

Mobile Application Development (Android)  
(01/2015 - 04/2015)

## LANGUAGE

English ● ● ● ● ○  
German ● ● ○ ○ ○