



Tonmoy Saha Roy

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EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

M.TECH. IN

COMPUTER SCIENCE & ENGINEERING
Graduated May 2014 | Guwahati, India
CGPA: 8.30/10

BENGAL ENGINEERING & SCIENCE UNIVERSITY

B.E. IN

COMPUTER SCIENCE & TECHNOLOGY
Graduated June 2011 | Howrah, India
Overall Percentage: 64%

ST. JOSEPH HIGHER SECONDARY SCHOOL

H.S.C. GPA-5/5 in 2006
Dhaka, Bangladesh

COURSEWORK

GRADUATE

Mobile Robotics
Data Structure & Algorithms
Operating Systems
Computer Networking

UNDERGRADUATE

Database Management Systems
Image Processing
Software Engineering
Artificial Intelligence
Object Oriented Systems

SKILLS

FRAMEWORK

Zend • Spring • Codeigniter

PROGRAMMING

Over 1000 lines:

PHP • Java • Oracle 11G • PLSQL •
JavaScript • Ajax • JQuery • C++ • C
Familiar:

Python • Android • C# • MySQL

FREQUENTLY USED TOOLS

• Netbeans • Toad • Eclipse • Kinect

HOBBIES

Photography, Traveling, Reading

ONLINE PROFILE

EXPERIENCE

COMPUTER NETWORK SYSTEMS LIMITED

| PROGRAMMER ANALYST

July 2014 – Present | Dhaka, Bangladesh

- BRTA Service Portal (BSP) - To develop a web based application with various services for Public & BRTA authority to ensure a easy, faster and secure processing of the BRTA services.
- Developing Online Motor Vehicle Taxes and Fees Payment System for Bangladesh Road Transport Authority (BRTA) including Online Payment Mechanism & Web Portal.
- Developing Online Application Management System for the Services by Department of Textile including Online Payment Mechanism & Web Portal.
- Development and Maintenance of Modern Computerized Toll Collection System for Meghna-Gumti & Muktapur Bridge
- Development and Maintenance of the official website for Bangladesh Road Transport Authority (BRTA).

CMC LTD. | INTERN

Jan 2010 – May 2010 | Kolkata, India

- Design and Development of Online Examination System.

ACADEMIC ACTIVITIES

MASTERS THESIS - On Grounding Symbols for Robots

Under the guidance of Prof. Shivashankar B. Nair | IIT Guwahati, India

COURSE PROJECT # 1- Real-Time GPS for Robots

Under the guidance of Prof. Shivashankar B. Nair | IIT Guwahati, India

COURSE PROJECT # 2- Implementation of Robot's Line Following and Dynamic Obstacle Avoidance

Under the guidance of Prof. Shivashankar B. Nair | IIT Guwahati, India

COURSE PROJECT # 3- Teaching Hygiene using Microsoft Kinect

Under the guidance of Prof. Shivashankar B. Nair | IIT Guwahati, India

PUBLICATION & PRESENTATION

ON GROUNDING SYMBOLS FOR ROBOTS

In Fourth International Conference of Emerging Applications of Information Technology (EAIT)

December 2014 | Kolkata, India

OTHER

- International English Language Test System (IELTS), Nov 2014
Listening-7.0, Reading-6.5, Speaking-6.5, Writing-7.0, Overall-7.0
- Quality Assurance Member, CNS LTD.
- Training Coordinator, CNS LTD.