Tanmoy Sarkar Pias

Student
Department of Computer Science and Engineering
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Research Areas:

- Machine Learning
- Image processing
- Robotics

Publication:

- Accepted paper: Paper No. 94 "Cost Effective Home Assistance Robot Using Custom Designed Augmented Classifiers And Visual Feedback" by Tanmoy Sarkar Pias, ISCS 2018, Japan.

Work Experience:

- Internship as software and web developer at U.S based startup software firm. (Move your chains). 2017-2018

Education:

- B. Sc. in Computer Science and Engineering,
  Bangladesh University of Engineering and Technology.
  Graduation: October, 2018 (Expected), CGPA: 3.65/4.00 (Current: L4-T1)
- HSC, Rajshahi College, 2013, Grade: 5.00/5.00
- SSC, Rajshahi Collegiate School, 2011,Grade: 5.00/5.00

Skills:

- Programming languages: Java, Kotlin, Android, JSP, Python, C/C++, PHP, JavaScript, Html, CSS , Json, Assembly (80X86)
- Database design and languages: Oracle SQL, SQL, MySQL, SQLite
- Frameworks: Django, Bootstrap
- Mobile App development: Kotlin, Android
- Embedded System: AVR microcontroller, Arduino
- Robotics: Arduino, Raspberry Pi
- Networking: ns2, packet tracer
- OS: Nachos, Linux
- Competitive programming: Codeforces(200+ problems), UVA, Lighoj, URI
- Other: Latex, Moqups, DBSchema

Volunteer Experience:

- Volunteer, Quantum Foundation, 2010-PRESENT
- President, Buet Meditation Club, 2017-PRESENT
- Other: Blood donation program, forestation program, burial program, life skill development program, Relief work.

Projects:

Java:

- Bus seat reservation software
- Inventory Management System
- Enterprise resource planning (ERP) [Small Scale]
- Messenger
- Calculator
- Media Player
- Tetris
- Tic Tac Toe

Android and Kotlin:

- Notes
- Tic Tac Toe
- Brain Trainer
- Quotes
- Calculator
- Age Calculator
- Timer

JSP:

- Online Exam and Quiz
- Super store management

Python (Django):

- Online Shop

PHP:

- Online Book Store

C/C++:

- Tic Tac Toe

Microcontroller:

- Sensor based game

Github link: https://github.com/PiasTanmoy?tab=repositories

Interest:

- Machine Learning and Its Application
- Data Science and Big data analysis
- Computer Vision

References:

Dr. A.K.M. Ashikur Rahman
Professor
Department of Computer Science and Engineering (CSE), BUET
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