

Satyaki Das

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RESEARCH INTEREST

- Software Requirements Specification and Analysis
- Software Design Specification and Analysis
- Software Metrics
- Software Architecture
- Static Analysis
- Program Slicing
- Feature Interaction

EDUCATION

B.Sc in Software Engineering

Institute of Information Technology, University of Dhaka

CGPA: 3.91/4.00 (Class Rank: 2nd)

Dhaka, Bangladesh

Januray,2015-December,2018

HSC in Science

Notre Dame College, Dhaka

GPA: 5.00/5.00

Dhaka, Bangladesh

2012-2014

SSC in Science

Government Laboratory High School, Dhaka

GPA: 5.00/5.00

Dhaka, Bangladesh

2002-2012

COMPLETED SOFTWARE ENGINEERING COURSES

- Introduction to Software Engineering
- Theory of Computing
- Object Oriented Concepts I
- Object Oriented Concepts II
- Software Requirements Specification and Analysis
- Software Design Patterns
- Software Testing and Quality Assurance
- Software Design and Analysis
- Software Project Management
- Software Metrics

EXPERIENCE

University of Liberal Arts Bangladesh

Lecturer

Dhaka, Bangladesh

October 2019 - present

Samsung Research & Development Institute Bangladesh

Software Engineer

Dhaka, Bangladesh

February 2019 - September 2019

PROJECTS

IPS — An image filtering software

- IPS is an image filtering software. The software takes an image as input and applies filters such as Pencil Sketch, Blurr, Swirl etc.

PGDIT Automation System — Automation of PGDIT course of IIT, DU

- The software automates the entire working process of PGDIT program at IIT, DU including admission system, result generation system etc.

AudioEditor— An audio editing software

- This software offers features to edit audio files such as cutting, joining, reversing etc.

CSRepo — Metadata Repository for Computing Conferences

- This software provides web services that provide metadata of various papers related to computing and computing problems. The collection of metadata is automated. Our API provides similar services as DBLP Computer Science Bibliography service.

CLCDetector— A web based cross language code clone detector

- This is a web based software that detects cross language code clones between projects that are implemented in different languages.

KEY SKILLS

Programming Language	Python, C, C++, Java
Web Based Language	HTML, CSS, PHP, C#, Javascript, Typescript
Web Based Frameworks	Angular, ASP.NET, PHP, Django, Flask
DBMS	Oracle, MySQL, Microsoft SQL Server, SQLite, MongoDB

- Software Requirement Specification
- Software Design
- Software Testing
- Web Development
- Database Management Systems

REFERENCES

- Shah Mostafa Khaled**
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- Md. Nurul Ahad Tawhid**
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