

# TANBIRUL HASHAN

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## OBJECTIVE

Obtain a position as a Software Engineer where I can utilize my sound knowledge and skills.

## SUMMARY

- Currently, Student of AIUB (thesis on going).
- Efficient in writing programs with minimum complexity.
- Strong knowledge on Object Oriented Programming with (Java, C#, C++)
- Procedural Programming with (PHP, JavaScript, JQuery, Ajax, C, Assembly).
- Completed a course on Software Quality Assurance and Testing.
- A good understanding of the software testing methodology.
- Sound knowledge on writing Test Plan based on the requirements and functionalities of the system.
- Expert in designing, writing and executing Test Cases.
- Strong problem solving skills using a logical methodology.
- Capable of learning new tools and technology very quickly.
- Able to work under pressure to meet tight deadlines.
- Hardworking, punctual and team player.
- Responsible, Dependable and self-motivated.

## EDUCATIONAL QUALIFICATIONS

- **Secondary School Certificate(SSC)**  
Result: GPA 5.00, Science group  
Barisal Govt. Model School and College, Barisal  
Passing Year: 2012
- **Higher Secondary Certificate(HSC)**  
Result: GPA 5.00, Science group  
Barisal Govt. Model School and College, Barisal  
Passing Year: 2014
- **B.Sc. in Computer Science & Software Engineering**  
American International University-Bangladesh (AIUB)  
**CGPA: 3.81**(Thesis on going “Visual Relation Recognition to Assist Visually Impaired People by Providing Natural language Speech Descriptions of Object Relationships in Images”)  
Academic year: 2015, Batch: 15-2

## ACADEMIC PROJECTS

- Phone Call Operations ( C++)
- Calculator (Java, C++)
- Shopping Cart(C# Console App)
- PokaMan(Java)
  - A running background scrolling Game with Java Swing in where the Character PokaMan faces enemies on his way of collecting Gold and tries to kill them
- Blood Donating Management System (C#, SQL-Server)
  - Users( Visitors, Donors)
  - Search donor by Blood Group & region
  - Contact with donor
  - Update profile of a donor, Donor's timeline and donating documents
  - Things to do to donate blood
- Cricket Mania(PHP, HTML, CSS, Java Script, AJAX, MySQL)
  - Users( visitor, user with account, Administrator)
  - Post News, Edit News, Delete, Like, Comment, Print news.
  - Live Streaming
- Tutors Point (ASP.NET MVC 4 Four-Layer web application with Entity Framework(Code First))
  - Users( Guardians, Tutors, user with account, Administrator)
  - Post Job, Edit Job, Delete, Apply
  - Profile
- Tutors Point(Single Page Application with ASP.NET web api with Entity Framework using dependency injection and Basic Authentication as Backend. HTML and JQuery are used for Frontend )
- Simple Real-time Chat application(ASP.NET SignalR)
- Shaheed Minar 3D Model View(OpenGL)

## TECHNICAL EXPERIENCE

### Languages

- C/C++
- JAVA
- C#
- PHP, JAVASCRIPT,AJAX, JSON, HTML, CSS
- Python(Basic)
- Unix shell programming
- Assembly Language

### Database

- ORACLE 10g
- PL/SQL (ORACLE)
- MySQL
- SQL SERVER

## SOFTWARE SKILLS

- Visual studio 2017
- Eclipse
- Android Studio
- Knime(Data Mining and Machine Learning)
- Weka(Data Mining and Machine Learning)
- Cisco packet tracer
- Auto CAD 2007
- Postman
- Visual Studio Code
- CodeBlocks
- Microsoft office
- NI Multisim
- Trello

## AREAS OF INTEREST

- Software Development
- Networking
- Backend Database & Backend Process
- Data Mining
- HCI
- Teaching and Learning

## STRENGTHS

- Positive attitude
- Quick adaptability
- Fast Learner
- Competitive
- Helping others in projects and learning

## Mini Projects

- 8 puzzle solver (Heuristic approach)
- Snake Game
- Tic tac toe Game
- Network structure design in Cisco Packet Tracer
- Even Odd Number identifier Device

## HOBBIES

- Playing Games (FIFA, NFS)
- Travelling
- Programming
- Puzzle Solving
- Teaching
- Knowing about Gadgets
- Cooking

## Extra-Curricular Activities

- ❖ Participation of Networking Contest in CS fest 2017(Runner Up)
- ❖ Workshop organized by IEEE explorer
- ❖ Workshop organized by Unity

## References

- **Dr. Dip Nandi**  
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