

## Mohammad Zaeed

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### Research Interests

- **High performance Computing**
- **Computer Vision and Machine Learning**
- **Software Engineering**

### Academic Background

- **PhD in Computer Science**  
August,2021 – Present  
Texas State University
- **Bachelor of Science in Software Engineering**  
January,2013 – December,2016  
Institute of Information Technology  
University of Dhaka  
CGPA: 3.74[Scale 4]  
**GPA of Last 60 Credits: 3.78[Scale 4]**

### Work Experience

- **Lecturer, Bangladesh University of Business and Technology**  
August,2017 -- July,2021
  - ❑ **Conducted** courses like Design Pattern, Systems Analysis and Design, Advanced Programming and Knowledge Engineering.
  - ❑ **Developed** course outline and lab manual for Design Pattern and Software Project Management.
- **Intern Software Engineer at Brainstation-23 Ltd.**  
January-2016 - June-2016
  - ❑ **Developed** an e-commerce live Android app named “Beresoon” for a Persian supermarket.
  - ❑ **Developed** an e-commerce live Android app for an English shop.
  - ❑ Organized **Test Plans** and executed **Functional Testing**.

### Area of Expertise

- **Programming Languages:** Java, C, C++, C#, Bash, Python
- **Databases:** Oracle, MongoDB
- **Frameworks:** MVC, Android
- **Web Technologies:** Bootstrap3, HTML, CSS
- **IDE & Build Tools:** GNU G++, Visual Studio, IntelliJ IDEA, Android Studio
- **Testing Framework/Tools:** JUnit, Selenium
- **Version Control Systems:** Git

## Projects

- **Vehicle Locator [Android, Mongoddb, C#, C#Html]**  
This app was an economic solution for vehicle tracking. This project included a locator using Arduino, an API connecting MongoDB, an android app for locating vehicles, an android app for transmitting location, and an admin panel. [Repo Link](#) & [Repo Link](#)
- **IITDISCUSSES [Visual Studio MVC with Visual C# and C#Html]**  
A social site targeted for IIT, DU where students can discuss their problems, submit their project and get a review on it, find referenced items in courses.
- **Call Bridge Card Game [Developed with Java]**  
This is the virtual version of a locally popular card game named “Call Bridge”. One can play against three AI players. The AI players recorded real player’s moves and learnt from it.
- **Dragsite [Developed in Android]**  
An android app which lets the user drag and drop items to create a web page design like Weebly, only through an android app. [Repo Link](#)
- **Challenger Mamu [Developed in Android]**  
An educational Android app which lets people to ask private questions anonymously and experts to answer them. One can also live chat with available experts and upload a video containing questions. [PlayStore Link](#) & [Repo Link](#)
- **BUEMS [Developed in MVC using Visual C# and C#Html]**  
An accounts management system which automatically generates account statements of each month for the employees of Barisal University (A public university of Bangladesh). [Repo Link](#)

## Other Activities

- **Programming Contest:**
  - Participated in NCPC in 2014.
  - Participated in Intra Department Programming Contests in 2013 and 2014.
- Organizer of IIT Freshers’ Reception and Farewell Ceremony, 2015
- Acted as a judge in HackTheVerse of ITVerse organized by IITSEC from 13th to 21st November.

Interests Programming, Gaming, Listening to music, Travelling, Reading books etc.