Curriculum Vitae

Kaniz Fatema

About Me
I am looking for opportunities to work as a key player in a challenging & creative environment.

Date of Birth
07 December, 1995

Address
4th Floor, 374 Monipur, Mirpur-2, Dhaka-1216, Bangladesh

Contact No
+8801537198706

Email
fomykanizfatema@gmail.com

LinkedIn
linkedin.com/in/fomy-kaniz-fatema

GitHub
github.com/fomykanizfatema

Education

BSc   2014-2018

American International University-Bangladesh (AIUB)
Concentration: Computer Science & Software Engineering (CSSE)
CGPA: 3.78 out of 4.00

HSC   2013

Dhaka City College DCC)
Concentration: Science
GPA: 4.80 out of 5:00

SSC   2011

Monipur High School & College (MUBC)
Concentration: Science
GPA: 5.00 out of 5:00

Coding Skills

JAVA

JavaScript

C++

HTML

PHP

CSS

Python

Bootstrap

Tools

Android Studio

Jupiter Notebook

Eclipse

Tableau

NetBeans

Openrefine

Visual Studio

Cisco Packet Tracer

Knime

XAMPP Server

Weka

Adobe Illustrator

Other Skills

- ✓ Microsoft Word
- ✓ Microsoft Powerpoint
- ✓ Microsoft Excel
- ✓ Proposal Writing
- ✓ Report Writing
- ✓ Event Organizing

Interpersonal Skills

- ✓ Leadership
- ✓ Management
- ✓ Communication
- ✓ Teamwork

Language Proficiency

Proficient reading, writing, speaking, listening skills on both English & Bengali

Projects

Android App

➢ **Blood Donor Information App**
This app provides information (Name, blood group, contact number, location) about blood donors of different location. Users have to register and sign in to get information. Firebase real-time database has been used to store and retrieve data.
GitHub Link: https://github.com/FomyKanizFatema/Find-Blood-Donor

➢ **Smart Audio Profile Manager**
It changes audio profile of the device based on position.
- ▪ Upside down on desk - Silent
- ▪ In Hand – General
- ▪ In Pocket – Vibration
- ▪ On Desk – General

GitHub Link: https://github.com/FomyKanizFatema/Smart-Audio-Profile-Manager-Android-App

➢ **Dx Ball Game**
GitHub Link: https://github.com/FomyKanizFatema/Android-Dx-Ball-Game

➢ **Brain Trainer Game**
GitHub Link: https://github.com/FomyKanizFatema/Android-Brain-Trainer-Game

➢ **Count Down Timer**
GitHub Link: https://github.com/FomyKanizFatema/Android_Timer

➢ **Online Calculator**
The source code of the calculator is written using HTML, CSS, JavaScript and kept in Google Drive. While connected to internet the app downloads and saves source code and loads it from the internal

storage. While not connected to the internet it loads the previously saved source code from internal storage.
GitHub Link: https://github.com/FomyKanizFatema/Android-Calculator-using-Web-View

➢ Basic Android Calculator
This calculator is build using Java. It can perform basic calculation and save calculation history to internal storage.
GitHub Link: https://github.com/FomyKanizFatema/Basic_Android_Calculator

Desktop App

➢ Bubble shooter game for kids
It is a desktop game built using OpenGL in C++
GitHub Link: https://github.com/FomyKanizFatema/Bubble-Shooter-Game

Web App

➢ Online Book Store
It is an e-commerce site built using HTML, JavaScript, PHP, MySQL. Here
✓ Customers can register, login, view and buy books. They can also add items to wishlist for future buying
✓ Admin can add books and users, update booklist and user list, remove books &users, confirm booking.
GitHub Link: https://github.com/FomyKanizFatema/Online-Book-Store-PHP

Research

➢ Systematic literature review on traffic analytic systems (Under review)
This research work presents a systematic literature review on existing research and applications on traffic analytics systems. This paper also identifies the advantages as well as the limitations of the existing approaches towards solving traffic congestion and provides future research directions and improvement scopes

➢ Predictive Model for Chronic Illnesses (Domain: Data Mining)
This research work presents a predictive model for chronic illnesses considering weather, food, concurrent illness and symptom related information.

Extra-curricular Experiences

BASIS Students' Forum AIUB Chapter   January 2017- September 2018

Role: Convener

Activities:
- Arranged activation campaign on "BASIS SoftExpo 2017" at AIUB in 2017.
- Arranged activation campaign on "NASA Space App Challenge 2017" at AIUB in 2017.
- Arranged "BASIS SoftExpo 2018 – AIUB Campaign" in 2018.
- Worked as an organizer in "Youth Fest 2018"
- Worked as an organizer in "NASA Space Apps Challenge 2018 – Bangladesh"

Award

- **Best National Lead** of NASA Space Apps Challenge 2018- Bangladesh (Received from honorable Minister Mr. Mustafa Jabbar)

References

Mr. Abhijit Bhowmik
Senior Assistant Professor
Department of CS
Special Assistant, Office of Student Affairs
American International University-Bangladesh
Email: abhijit@aiub.edu

Mr. Saniat Rahman Zishan
Head
Department of CoE
American International University-Bangladesh
Email: saniat@aiub.edu