Akash Poddar

Dhaka, Bangladesh

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Career Objective

Dedicated neophyte, who has been working in data science, AI, programming, machine learning, software and system application design, development, testing and documentation, database, graphics, creative content creation, strategic planning is eager to demonstrate innovation in the IT industry.

Education

Military Institute of Science and Technology

BACHELOR OF SCIENCE IN COMPUTER SCIENCE ENGINEERING   *2016-2019*

Notre Dame College   *GPA: 5.00/5.00*

HIGHER SECONDARY CERTIFICATE(HSC)   *2015*

St. Joseph Higher Secondary School   *GPA: 5.00/5.00*

SECONDARY SCHOOL CERTIFICATE(SSC)   *2013*

Skills

Languages Python, Java, C, C++, Assembly, Shell Script, HTML, CSS, PHP

Database Oracle, MySQL, Firebase

Development Android, Web

Operating System Linux, Windows

IDE CodeBlocks, NetBeans, MATLAB, Android Studio, Microsoft Visual Studio Code, Packet Tracer, emu8086, Arduino, Wireshark, Weka, Katalon Studio

Typesetting Software ShareLaTeX (Overleaf v2)

Word Processing, Project and Presentation Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Visio, Microsoft Project

Graphics OpenGL, Blender, Adobe Photoshop

Design Software Justinmind, HTML Help Workshop, Circuit Maker, AutoCAD

Industry Knowledge Web and Technical content creation, Networking, Project Management

Interpersonal Skills Analytical Ability, Strategic planning, Leadership, Public speaking

Communication Skill Written and oral skill in both Bangla and English

Research Interests

Data Science, Big Data, AI, Machine Learning

Experience

Hello Institute of Information Technology Ltd. *Dhaka*
Mentor *Jan. 2016 - Jul. 2019*
- Enhance IT skills in young talents
- Guide in Programming, Web Development, Graphics Design,Digital Logic, Microsoft Office tools, Networking, Database, Hardware knowledge, Troubleshooting
- Develop as IT professionals

Aamra Networks Limited *Dhaka*
Trainee *Dec. 2018 - Jan. 2019*
- Worked as a trainee as part of industrial attachment in the leading ISP provider of the country
- Go through network industry and its pros and cons
- Gaining idea on networking PoPs, data center, internet bandwidth, internet connectivity, cloud service, product branding and client management

HANS *Dhaka*
Coordinator *Jul. 2017 - Jul. 2019*
- Creating awareness about Autism through various activities and events throughout the year
- Worked for betterment of Autistic children
- Arrange and coordinate events dedicated to special children
- Mentor and manage group of volunteers

St. Joseph Literacy School *Dhaka*
Part Time Teacher *Jul. 2011 - Dec. 2012*
- Educational development of socially deprived children
- Part time teacher at regular shifts

Projects

A Comprehensive Data Set for Classification and Analysis of Human Emotion using Physiological Signals
- Multimedia EEG dataset for human emotion analysis
- Machine learning approach for analysis
- Multimodal approach

Bullet Impression Detection
- Detect bullet impression from target paper applying machine learning approach

Weapon Zeroing and Warriors' Range Efficiency Analysis System of Small Arms for Bangladesh Army
- Making an effective zeroing tool to improve the accuracy of the firer thereby development of consistent shot firer will be ensured.
- To allow the sub unit commanders a scope of monitoring the results, and thereby the supervisors will be able to provide necessary correction for specific firers
- Making a database for firers to allow tracking of methodological development of firing standards thus individual interest and responsibilities will be improved.
- Minimizing the system loss by implementing application based target checking method which will incorporate AI for precision, and thereby human fatigue will be reduced, error detection, and MPI calculation will be automatic.

Bridho-Android app for elderly citizen
- Android App to aid elder people with memory
- Provide care and physiological service aid

DBMS for NGO
- Database management system for NGO focused on women empowerment
- Enhance administrative and fair management

Transformer Simulator
- Transformer functionality simulation
- Real time output of transformer based on user input

Desktop Application for Exam Management
- Desktop based exam management application by JAVA
- Control from teachers to set questions
- Students record maintenance based on exam result