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Curriculum vitae

PERSONAL INFORMATION	**Faizan Mazhar**

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PERSONAL STATEMENT

To be part of an organization that indulges professional growth which provides challenging and rewarding career while allowing me to utilize my knowledge and skills.

EDUCATION AND TRAINING

2015–2019   **Bachelor's Degree in Computer Science**
FAST - National University of Computer and Emerging Sciences (NUCES), Karachi (Pakistan)

2013–2015   **Intermediate (Pre-Engineering)**
APS Malir Cantt, Karachi (Pakistan)

2011–2013   **Matriculation (Biology)**
APS Westridge, Rawalpindi (Pakistan)

PERSONAL SKILLS

Organisational / managerial skills

Unethical Activity Detection Surveillance System - FYP (Machine Learning)
The purpose of this project was to target offenders of the norms of a society. They are identified via live surveillance feed and notified to the authorities if any unethical activity is detected from the live feed. This project was completed using OpenCV 3.0, Numpy 1.7, Python 2.7.15 and C#.
Time Table Generator - Android (Database Systems)
An application made using different concepts, where it gave every individual student the access to generate their class schedule most efficiently.
TailorEase Management System - Website (OOAD)
With help of HTML/CSS/PHP/XAMPP this website was constructed, the basic concept was to provide the tailor industry with a paper free management system.
Emulated TCP Amplification Attacks - (Information Systems Security)
A topology was designed which supported the phenomenon of amplification via TCP, emulated in software GNS3. Also worked out a security mechanism for the above mentioned attack and emulated it as well.
Museum Encyclopedia - Android App (Human Computer Interaction)
A mobile application which was constructed on Android studio. This was a learning encyclopedia for all students wanting to know more about history. Having trivia questions, fun facts and history regarding historic artifacts.
Traffic Signal System - (COAL)
Basically a miniature traffic signal system, made with the help of Arduino.

Job-related skills

Programming Languages: C, C++, Java, Python, C#, HTML, CSS, Android
Database: MYSQL, Oracle, MS SQL Server, SQLite, MongoDB
Concepts: OOP, OOAD, Data Structures, Design Patterns, Refactoring, Database Design, Machine Learning

Tools: Eclipse, Android Studio,
IntelliJ IDE, XAMPP, MS SQL Server,
Visual Studio