



# MUHAMMAD SAIF ULLAH KHAN

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**OBJECTIVE** | Versatile software developer versed in machine learning, game design, computer graphics and software engineering. Self-directed leader who fosters collaborative and supportive team environment. Dedicated, hard-working and open to new experiences. I'm looking for a place to hone my skills.

## SKILLS & ABILITIES

- Android Dev
- Deep Learning
- Image Processing
- Web Development
- Graphics Design
- Game Design / Dev
- UI/UX Design
- Java / XML / Android NDK
- Python / MATLAB / Tensorflow
- OpenCV
- PHP / MySQL / HTML / CSS / JS
- Adobe Photoshop / Illustrator
- Unity / 3D Modeling
- Swift and .NET (Limited)
- Leadership qualities
- Advanced knowledge of OOP
- Good programming practices
- Software design patterns

**EDUCATION** | **NUST SCHOOL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES**  
**SOFTWARE ENGINEERING, BACHELORS OF ENGINEERING**  
2014 – 2018

- 3.78 CGPA
- Courses taken<sup>1</sup>:
  - Object-Oriented Programming
  - Database Systems
  - Data Structures and Algorithms
  - Computer Graphics
  - Computer Vision
  - Machine Learning
  - Software Construction
  - Distributed Computing

**EXPERIENCE** | **MANAGER APPLICATION DEVELOPMENT**  
**NUST ENTREPRENEURS CLUB**

10/2016 – 04/2017

Led a team of developers building a social networking system. Our system, comprising of an Android application, a web panel and several server-side programs, was successfully completed within schedule and budget.

**ANDROID DEVELOPER**  
**NUST INTERNATIONAL MODEL UNITED NATIONS 2017**  
10/2016 – 02/2017

I, along with my team, developed the official application for the event. Available on Play Store.

**ANDROID DEVELOPER**  
**BEIJING FORUM ISLAMABAD '16**  
04/2016 – 05/2016

I developed the official Android application for the first international chapter of Beijing Forum conference. Available on Play Store.

## ACCOMPLISHMENTS

- First Prize Winner of NUST Pakathon 2015, along with my team Doctor Phoenix.
- Developed my own OO graphics API in C++ using OpenGL for developing GUI applications on Windows. Multiple API's published on JCenter/Maven.
- Several games and applications on Google Play Store.

<sup>1</sup> Only relevant courses listed.