

Muhammad Kamran Janjua

<http://kjanjua26.github.io>
mjanjua.bsccs16seecs@seecs.edu.pk | 0092-334-4395998

EDUCATION

NUST

BS IN COMPUTER SCIENCE

Expected Sep 2020 | Islamabad, Pak
Cum. GPA: 3.630

PIS, DOHA

Graduated May 2016 | Doha, Qatar
Conc. in Engineering
Pre-Engineering
Percentage: 87.6

LINKS

Github:// [kjanjua26](#)
LinkedIn:// [kjanjua26](#)
Quora:// [Kamran-Janjua-1](#)

COURSEWORK

UNDERGRADUATE

Fundamentals of Programming
Object Oriented Programming
Linear Algebra
Calculus
Database Systems
Computer Architecture & Assembly
Data Structures & Algorithms

MOOCS

Machine Learning
Convolutional Neural Networks for Visual Recognition
Deep Learning with Tensorflow
Deep Learning for Self Driving Cars
Reinforcement Learning
Statistics 110: Probability
Machine Learning Nano Degree, Udacity

SKILLS

PROGRAMMING

I code computers.
Python • Java • C • Shell
Assembly • C++ • OpenCV
Familiar:
PHP • CSS • MySQL • PHP
• Swift

EXPERIENCE

SEECs, NUST | TEACHING ASSISTANT

September 2017 – January, 2018 | Islamabad, PAK

- Teaching Assistant for course Fundamentals of Computer Programming.
- Responsible for marking assignments, quizzes and projects.
- Brief lecture once a week.

VISIONX | RESEARCH INTERN

June 2017 - Present | Islamabad, PAK

- Working on building the scene text recognition and detection engine using deep learning techniques.
- Deployed the initial IOS application containing the OCR scene text recognition engine.

TUKL-NUST RESEARCH LAB | RESEARCHER

March 2017 – Present | Islamabad, PAK

- Working on various computer vision applications including optimization of OCR and development of scene text recognition and detection pipeline for unconstrained environments.
- Working on building a fine-grained model for parsing of postal addresses of world.
- More Information: <http://tukl.seecs.nust.edu.pk>

QATAR UNIVERSITY | RESEARCH INTERN

January 2015 - August 2016 | Doha, Qatar

- Worked on building synchronous drone system for under-construction building inspection.
- My work was focused on the hardware aspect of the project i.e. the drone.
- The autonomous drone was built using open-source ardupilot.

CYKIQ | SOFTWARE ENGINEERING INTERN

Dec 2016 – March 2017 | Islamabad, PAK

- Worked on resource gathering and finding the best linux based server.
- Set up the cloud server and deployed open-source API (CRUD).
- Developed the initial database for the company.

PROJECTS

SHAKESPEAREV2 | SHAKESPEARE POETRY GENERATOR

Link: <https://github.com/kjanjua26/Shakespeare-Poetry-Generation>

CANDETECT | BREAST CANCER DETECTION

Link: <https://github.com/kjanjua26/Breast-Cancer-Prediction>

SENTILYS | SENTIMENT ANALYSIS ON TWEETS

Link: https://github.com/kjanjua26/Twitter_Sentiment_Analysis

AWARDS

2017	among top students in batch	Dean's List for high achievers
2017	among top 10%	Silver Medal, Hackerrank CodeSprint 3
2016	1st in batch	Gold Medal, Pre-Engineering, HSSC-II
2015	2nd in batch	Silver Medal, SSC-II