

Ali Tahir

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EDUCATION AND CERTIFICATION

Bachelor of Science (Computer Science) FAST-NUCES Lahore (2016-2020) CGPA: 2.92/4.00

Machine Learning by Stanford University ([Coursera](#)) Grade: 94.90%

- [See Credentials \(ID: AW9RF98CABWJ\)](#)

EXPERIENCE

Systems Limited (Digital Frameworks Intern)

June 24, 2019 – August 02, 2019

Demonstrated skills in JAVA and Docker Technologies by developing restful APIs and basic CI/CD pipeline

- Developed a CRUD RESTFUL API.
- Developed a simple CI/CD pipeline that utilizes Docker, Travis CI and Github and deployed the web app on AWS using Docker containers.
- Guided two interns on development tasks.

FAST NUCES (Teaching Assistant)

August 30, 2019 – December 30, 2019

Evaluated and assisted students regarding problems faced during semester.

PROFESSIONAL SKILLS

- **Programming language:** Java, Python 3.6, C++
- **Business-Tier Technologies:** Spring Boot, Hibernate, Rest Web services, JMS, JDBC
- **Database:** MS SQL Server, Big Query
- **Understanding of:** OOP, Data Structure and Algorithms, Machine Learning and Information Retrieval
- **Other:** Tensorflow (basic), PyTorch (basic) and Matlab (basic), Docker (basic), Ubuntu (basic)

RELEVANT PROJECTS

Kinship Verification (Final Year Project) – Team Lead: Kinship Verification aims at classifying two individuals as Kin/Non-Kin using facial images by optimizing CNN architecture through Evolutionary algorithms.

Basic Search Engine: Developed a search engine in Python for Information Retrieval course project by creating Inverted index of unstructured data.

Epinions Social Network: This is who-trust- whom online social network of a general consumer review site *shopping.com* formerly known as *Epinions.com* containing 75879 nodes.

Library Management System: Developed a desktop based library management application for Object Oriented Analysis and Design course project using **Core JAVA, Hibernate** and **Swing GUI**.

Simple Shell: Developed a shell program in Ubuntu 17 using C++. It is a Simple Shell that uses fork and pipes concept to understand how Ubuntu Terminal operates.

To-do Application: Developed a To-do application during my Internship at Systems ltd using **Spring Boot** and performs simple CRUD operations.