Ali Tahir

linkedin.com/in/alitahir14 0316 4706 150
github.com/alitahir14 alitahir14@outlook.com

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 2019 – August 2019*

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

- Developed a CRUD RESTFUL API
- Implemented 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 2019 – December 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, JSP
- **Database:** MS SQL Server, Big Query
- **Understanding of:** OOP, Data Structure and Algorithms, Machine Learning and Information Retrieval
- **Other:** PyTorch (basic), Docker (basic), Ubuntu (basic)

RELEVANT PROJECTS

Kinship Verification (Final Year Project) – Team Lead: Leading a team of three individuals to research methods of verifying two individuals as Kin/Non-Kin using facial images by analyzing deep learning methods and optimizing CNN architecture through Evolutionary algorithms.

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

Epinions Social Network: Analyzed who-trust- whom online social network of a general consumer review site *shopping.com* formerly known as *Epinions.com* using graph theory 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 created using fork and pipe concepts.

Compiler: Currently working on Semantic analysis of a Java based imaginary programming language to build a compiler. Lexical analyzer and parser phases have been completed.