

Salman Ahmed

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<https://ahmed-salman2468.github.io/Portfolio/>

OBJECTIVE

To obtain a position that provides ample opportunity to develop problem-solving skills and advance my abilities in the computer science field.

PROFESSIONAL SKILL-SET

- **Languages:** C++, Java, C#, Python, HTML, CSS, Node.js, PHP, SQL and NoSQL.
- **Frameworks:** Angular8, Flask.
- **Database Systems:** Oracle, MySQL, MS SQL Server, SQLite and Firebase, MongoDB.
- **Software:** Microsoft Word, Excel, PowerPoint, Android Studio, Visual Studio, PyCharm.

INTERNSHIP EXPERIENCES

Robotics-World (ORIC) Iqra University

Nov 19 – Feb 2020

- 10 weeks Internship in Research and Development Discipline.
- Developed the front-end of recruitment module of an ERP web application on Angular8 framework with REST API integration through Node.js and Express.js with MongoDB database.
- Coordinated with departments to utilize technology for improved communication.

Pakistan Civil Aviation Authority JIAP

July 19 – August 19

- 07 week Internship in Information Technology Discipline.
- Developed an Android application with backend server side on PHP with MySQL.
- Coordinated with departments to utilize technology for improved communication.

OTHER SOFT SKILLS

- Web scrapping, Web automation and Desktop Task automation.
- Data filtration, exploratory data analysis (EDA) and Visualization.
- Maintaining of Git and GitHub repositories and version controlling.
- Testing and Deployment of web and desktop application and machine learning models on servers like Heroku etc.
- Freelancing on online platforms.

CORE COURSES

- | | |
|---------------------------------|-------------------------------|
| • Computer Programming | • Object Oriented Programming |
| • Data Structures And Algorithm | • Web Engineering & CMS |
| • Visual Programming | • Database Management Systems |
| • Android App Development | • Artificial Intelligence |
| • Software Quality Assurance | • Data Mining |

COURSE PROJECTS

MEDICINE PRESCRIPTION RECOGNITION (FYP)

2019 – 2020

- Implemented in python (3.7) using opencv, tensorflow, flask and prescription image dataset.
- Collected and created own preprocessed prescription image dataset.
- Created a CNN model for training and testing of images of doctor's handwritten medicines.
- Developed and deployed a WebApp on Heroku server in flask to provide efficient understandable prescription in digitalize form.
- The project is deployed on Heroku server URL: <https://prescription-recognition.herokuapp.com/>

SOCIAL MEDIA MOBILE APPLICATION

SPRING 2019

- Implemented in Java using Android Studio on Android SDK Pie (28.0).
- The Firebase Real-time database used for user images and status post images storage.
- The user can sign in/signup and post status with text and images also with comment facility.

RESULT COMPILER

FALL 2018

- Implemented in C# using Visual Studio.
- It is a Desktop application which can read, create, process and compile the best number of quizzes and assignments from excel file and save the new processed excel file.

ONLINE BIDDING WEBAPP

SPRING 2018

- Implemented using HTML, CSS, Bootstrap, JavaScript, PHP and MySQL.
- The user can sign in/signup upload products with images and price and deadline for bidding and can bid on other user products.

EDUCATION

4 Years Bachelor's Degree in Computer Science

Sep 2016 – July 2020

Concentration: Machine Learning

Bahria University Karachi Campus

CGPA: *(waiting for final transcript)*

ON CAMPUS INVOLEMENTS

- Represent the interests in attending a job fair.
- Volunteering in Community Support Programs.
- Participating in Students week and Programming quizzes.

Additional Skills & Responsibilities

- Self-driven and self-managed, good time management skill.
- Have a passion for new technologies and willingness to follow industry best practices.
- Software documentation and report writing.
- Social Media: Proficient using Facebook, Instagram, YouTube and Medium.