

# Salman Ahmed

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

## OBJECTIVE

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*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

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- **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

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### 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

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- 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

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|---------------------------------|-------------------------------|
| • 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**

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### **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**

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### **4 Years Bachelor's Degree in Computer Science**

Sep 2016 – July 2020

#### **Concentration: Web Development**

Bahria University Karachi Campus

CGPA: 3.11

## **ON CAMPUS INVOLEMENTS**

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

## **Additional Skills & Responsibilities**

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- 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.