# Anas Bin Waqar

☎ (+92)-306-1633994 | ✉ anasbinwaqar@gmail.com | 🔗 https://www.linkedin.com/in/anas-bin-waqar-171ab51b2/

## Objective

A dedicated undergraduate student and a Computer Science enthusiast. A passionate learner, looking for opportunities in AI/DS or Back-end Development to solve problems of the future.

## Experience

**Freelance work**                                                                                                     *Karachi, Sindh*

WORKED ON PROJECTS                                                                                           *June 2021- Ongoing*

- Developed a deep learning model for person re-identification using a modified Market1501 Data set using PyTorch.
- Gathering insights from Metals and Mining Data set using R.
- Prediction of class labels using different Machine Learning algorithms along with tuning and ensemble learning to improve overall accuracy

**Information Technology Intern**                                                                         *Karachi, Sindh*

IBL OPERATIONS                                                                                   *August 2021- September 2021*

- Development documentation of IBL's Human Resource Management System.
- Development documentation of IBL's Expense Management System.
- Relevant bugs and defect finding for IBL's Human resource management system and Expense management system.
- Helped in building a chatbot responsible for returning relevant finance sheets.

## Education

**B.S. Computer Science**                                                                                  *Karachi, Sindh*

UNDERGRADUATE AT FAST-NUCES                                                          *August 2018-August 2022(Expected)*

- CGPA: 3.47
- Dean's list of honors in $2^{nd}$, $4^{th}$ and $5^{th}$ semester

**Pre-Engineering**                                                                                          *Karachi, Sindh*

DEFENCE AUTHORITY DEGREE COLLEGE                                                          *August 2016-August 2018*

- Percentage: 77%

## Skills

|                             |                                                             |
|----------------------------:|-------------------------------------------------------------|
| **Programming**             | Python \| R \| C \| C++ \| JavaScript \| PHP \| C#          |
| **Markup Languages**        | HTML \| CSS \| Bootstrap \| JQuery                          |
| **Frameworks**              | Laravel 7 \| .NET                                           |
| **Databases**               | MySql \| Oracle \| Sqlite \| NoSql                          |
| **Version Control**         | Git \| Azure DevOps                                         |
| **Technologies and Libraries** | Tensorflow \| PyTorch \| Selenium WebDriver \| Sklearn \| Pandas \| NumPy |

## Projects

**Mustakbil**

MAKESPACE HACKATHON PROJECT                                                                           *August 2021*

- A website related to family planning which suggested relevant articles along with a chatbot to discuss queries
- **Technologies Used:** WordPress, Python, Pandas, Sklearn, Word2Vec, PHP

**CV Screener**

PRESENTED AT AWS BUILDON PAKISTAN                                                                     *June 2021*

- A CV screener which screens and ranks candidates based on required job description and tries to identify soft skills using audio answers.
- **Technologies Used:** AWS Lambda, AWS S3, AWS API Gateway, AWS SageMaker, AWS DynamoDB, AWS CloudWatch, AWS Amplify, Python, Numpy ,Pandas, Sklearn, Word2Vec, Angular

**Choose Your Closet**

SEMESTER PROJECT                                                                                   *August 2020 - November 2020*

- A clothing store website using Laravel framework, for buying, selling, and renting of clothes with three portals, namely the admin portal, the customer portal, and the seller portal.
- **Technologies Used:** HTML, PHP, CSS, JavaScript, Laravel and Bootstrap.

### Offense Hate Detection

SEMESTER PROJECT                                                                *August 2020 - November 2020*

- A program which predicts offense and hate speech using Machine Learning algorithms (Logistic Regression and SVM).
- **Technologies Used:** Python, Pandas , Numpy and Sklearn Library.

# Achievements and Awards

### AWS BuildOn Pakistan Hackathon

$1^{st}$ PRIZE WINNER

- Successfully Built working prototype for CV Screening problem statement given by IBL Operations and attained $1^{st}$ prize.
- **Technologies Used:** AWS Lambda, AWS S3, AWS API Gateway, AWSDynamoDB, AWS SageMaker, AWSCloudWatch, AWS Amplify, Python, Pandas, Sklearn, Word2Vec, Angular

### Remotebase Hackfest 2021

CHALLENGE TRACK WINNER

- Successfully Built working prototype for the problem statement given by JSBank regarding Real Time FX Conversion and were declare the challenge track winners.
- **Technologies Used:** Flutter, Dart, Python, Pandas, Sklearn, BeautifulSoup

### Teacher's Assistant

FOR PARALLEL AND DISTRIBUTED COMPUTING

- Teacher's Assistant for Parallel and Distributed computing for Spring 2021.
- Assessed student's assignment and programming tasks and assisted students with their academic queries for Parallel and Distributed computing.

### Makespace Pakistan Hackathon

TOP 5

- Successfully Built working prototype website along with a chatbot to tackle the problem statement regarding family planning and attained $5^{th}$ position.
- **Technologies Used:** WordPress, Python, Pandas, Sklearn, Word2Vec, PHP