

# Ahmed Abdul Rauf

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[GitHub \(alphahunter25\)](#) | [LinkedIn \(Ahmed Abdul Rauf\)](#)

## Experience

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Bookme.pk | AI Intern

June 2024 – August 2024

- Developed an AI-powered itinerary recommendation system using LangChain and Google's Vertex AI, for Bookme's Middle Eastern expansion, enhancing user engagement.
- Engineered a Flask API and Dockerized deployment to significantly improve system scalability and efficiency.
- Utilized Postman for comprehensive API testing and validation, ensuring full coverage.
- Collaborated with Google Cloud engineers to optimize the use of Google products.
- Implemented an OCR system using Google Cloud services, achieving high accuracy in passport data extraction for Bookme's Umrah service.
- Executed data acquisition, management, and web scraping initiatives for the Saudi Arabia market, increasing data availability.

## Education

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Forman Christian College University (FCCU), Lahore, Pakistan

2021 – Present

Degree: BS Computer Science | GPA: 3.94

## Projects

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Person Detection System | Python, Pytorch, YOLOv5

- Made use of the YOLO library to detect individuals within content with a precision of 80%
- Used various Image Augmentation Techniques to ensure generalization of data.
- Optimized training techniques to find a balance between training time and quality of the model.

Project Common Room | Python, JavaScript, HTML, CSS, Docker

- Collaborative development of a web application for students at FC College to aid them in finding free rooms on campus.
- Assisted in scraping data from official university websites for calculating free rooms.

Identity / Emotion identification | Python, Scikit-Learn, OpenCV

- Created a webcam script that detects the person's emotion and their identity.
- Achieved an accuracy of 87%.

## Skills & abilities

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- Development | Python, SQL Server, HTML, CSS, Postman, SQLite
- Operating Systems | Linux, Windows
- Misc | Git, Scikit-Learn, Langchain, BeautifulSoup, Pandas, Numpy, TensorFlow, Data Analysis, Communication, Project management, Collaborative Development, MS Office
- Interests | Computer Hardware/Software, Modern Technology, Video Games, Anime, Badminton