

# Ahmed Abdullah

Pakistani Citizen | [business.ahmadabdullah@gmail.com](mailto:business.ahmadabdullah@gmail.com) | LinkedIn: [in/ahmedembedded](https://www.linkedin.com/in/ahmedembedded) | GitHub: [ahmedembeddedx](https://github.com/ahmedembeddedx)  
+92 3316224618

## EDUCATION

### FAST-NUCES

Lahore, Pakistan

B.S. in Data Science

Expected Graduation, July 2026

- **Concentrations:** Artificial Intelligence, Machine Learning and Software Development
- **Honours:** (Dean's List)
- **Related Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Database Systems, Big Data, Logic Designs, Data Science, Advance Statistics, Database System and Software Engineering.

## PROFESSIONAL EXPERIENCE

### Contract.pk

Lahore, Pakistan

Summer Intern

July 2022 – Aug 2022

- Collaborated with cross-functional teams to develop and implement predictive analytics models for operational improvements with **accuracy of more than 70%**.
- Worked as front-end developer with HTML, and NodeJS to develop an interactive web-interface.

### AlgoFig - AI Solutions

Lahore, Pakistan

AI/ML Prentice

Dec 2023 - Current

- Pioneered the development of Python scripts, set the stage for a more dynamic and responsive data ecosystem.
- Worked as front-end and back-end lead in Flask, HTML, JS and Data Tools for management and delivery of AI Solutions by **17%**.

## PROJECTS

- **Housing Price Prediction model** using Gradient Boosting Regression (GBR), achieving **85% accuracy**, and implemented a user-friendly web application for interactive insights.
- **Emotion Sentiment Analysis using NLP** in a web application, leveraging Data Science and Machine Learning techniques, achieving an **accuracy of 87%** and **precision of 85%**. Utilized APIs and MySQL for efficient data processing and retrieval.
- **Real-Time Candlestick Data Visualizations** from scratch using C++ in the GNU compiler, showcasing proficiency in low-level programming and data representation, capable of managing up to **100k** entries and plotting them in **less than 1 minute**.
- **Real-Time Face Attendance System** using Deep Learning, OpenCV and MySQL, achieving an **accuracy of 95%** and **precision of 87%** in identifying faces and marking attendance
- **ESPNCricInfo**, created a comprehensive web application akin to , employing HTML, CSS, and Bootstrap for frontend design, while backend operations were managed through a robust database system.

## ACTIVITIES AND VOLUNTEERSHIPS

### Google Developers Student Club

Lahore, Pakistan

Campus Lead

Aug 2023 – Jan 2024

- Successfully managed two major projects, including the coordination of DevFest AI'23.
- Orchestrated five workshops, contributing to the development of a dynamic and collaborative tech community within the university.
- Under my leadership, the Google Developers Student Club thrived as a hub for innovation, knowledge-sharing, and impactful projects, fostering a passion for technology among students in Lahore.

### SOFTEC

Lahore, Pakistan

Infrastructure Volunteer

Aug 2022 – Feb 2023

- I supported the event by setting up and maintaining technical equipment, collaborating with fellow volunteers, and addressing technical issues as they arose.

## SKILLS

**Programming:** Python, SQL, .NET, C++ and C.

**Technologies:** Jupyter, OpenCV, NLTK, Hadoop, Spark, Kafka, Flask, TF, SciKit, Folium, Git/GitHub and Cloud Services.