

# Owais Siddiqi | Karachi, Pakistan

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## EDUCATION

**Bachelor's in Computer Science** | FAST National University, Karachi

September 2021 – Present

**Coursework:** Database Systems • Object Oriented Programming • Data Structures & Algorithms (C, C++) • Design and Analysis of Algorithms • Computer Architecture • Digital Logics • Parallel and Distributed Computing • Systems Analysis & Design • Fundamentals of Accounting •

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## PROFESSIONAL & VOLUNTEER EXPERIENCE

**Automation Co-Head | PROCOM'24 | FAST, Karachi (On-Site)**

December – March 2023

- Mentored key projects such as an **Attendance Management System**, **Chatbot development**.
- Successfully managed project timelines and delegated tasks to achieve efficient and timely project completion.
- Fostered a collaborative and innovative team environment, contributing to the overall success of the projects.

**Automation Co-Head | ACM NUCES | FAST, Karachi (On-Site)**

October – March 2023

- Implemented **automated certificate distribution**, reducing administrative workload
- Engineered an **automated email sending system** enabling efficient communication with companies and participants

**Marketing Executive | PROCOM'24 | FAST, Karachi (Hybrid)**

December – March 2023

- Recognized as the Marketing team's **Star Performer** for outstanding performance and teamwork.
  - **Drafted MOUs** for event sponsorships and **liaised directly** with company representatives before and during the event.
  - **Advised companies** on selecting optimal sponsorship packages, ensuring mutual benefit and **strategic alignment**.
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## PROJECTS

### Attendance Management System

- **Led the development** of an automated Attendance Management System for PROCOM using **Django and SQLite**.
- Implemented automated email distribution with QR codes to streamline attendance marking.
- Integrated device camera QR code scanning for efficient and accurate participant identification.

### Finance Tracker

- **Designed and developed** a sophisticated Finance Tracker System utilizing PHP and MySQL technologies, ensuring a user-friendly interface and robust functionality.
- **Implemented comprehensive features** for tracking various financial aspects, including income and expenses, providing users with a detailed overview of their financial activities.
- Incorporated advanced **categorization mechanisms**, allowing users to easily classify and analyze financial transactions, enhancing the system's utility for insightful financial management.

### Voice Master: Speaker and Speech Recognizer

- **Developed** a machine-learning powered Voice Recognizer for speaker identification and speech recognition.
  - Built a **robust backend** with Flask for seamless server-client communication and implemented dynamic frontend functionality with JavaScript.
  - Optimized voice recognition algorithms for training the speaker recognition model using **tensorflow-keras**.
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## SKILLS & TOOLS

Python, C/C++, HTML, CSS, Numpy, Pandas, Tensor Flow, OpenCV, NLTK, matplotlib, Django, Flask, Mongo DB, MySQL, GitHub Actions, Google Cloud Platform, VS Code, Colab, Jupyter, Git, Github, Linux, Notion, Microsoft office suite