# Mustafa Abdelrahman

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## EDUCATION

**King Abdulaziz University**                                                       **Jeddah, Saudi Arabia**

*B.S. in Electrical Engineering (*Computer Engineering*)*                                 *Expected Graduation, May 2027*

- **GPA:** 4.5/5.00
- **Certificate of Excellence (2023-2024–2025) for outstanding academic performance**
- **Relevant Coursework:** Object-Oriented Programming, Analytical Methods, Technical Communication, Engineering Design, Academic Writing, Data Structures

**Summer School in Data Science & AI – New Life Research Foundation (NELIREF), 2025**

- Explored: Python & OOP, Statistics for Machine Learning, Supervised ML & Deep Learning, NLP, Generative AI, LLMs

## Professional Experience

**Freelance Python Developer**
**Upwork (Remote) — Aug 2024 – Present**

- Developed automation scripts and data-processing tools for international clients
- Designed solutions for data transformation, visualization, and API integration
- Gained client-facing experience with cross-cultural communication and deadline management

**Media Search Analyst**
**Telus International (Remote) — Apr 2024 – Feb 2025**

- Evaluated and rated search engine results for quality and relevance
- Ensured cultural and contextual accuracy in global content
- Strengthened critical thinking and data evaluation skills

**Data Analyst – Project Walls**
**Appen (Remote) — Jan 2023 – Mar 2024**

- Annotated and labeled large datasets to support machine learning projects
- Ensured accuracy and consistency for AI training data
- Learned to manage independent work in structured remote settings

## Research & Academic Projects

**Digital Transformation of Student ID Systems | KAU, 2024**

- Conducted survey research with students on moving from plastic to digital IDs
- Performed statistical analysis and presented evidence to housing administrators
- Contributed to the implementation of electronic IDs for 600+ students

**Automated Plant Watering System (Engineering Design Project)**

- Worked with a team of five to design and build a system that automates plant watering using an Arduino Uno.
- Integrated a soil moisture sensor to monitor soil conditions and trigger watering when moisture levels fell below a set threshold.
- Combined hardware setup and control software to create a functional prototype, showcasing practical engineering applications.

## Extracurricular Activities

- **Electrical Engineering Club, KAU –** Active member
- **Microsoft Club, KAU –** Engaged in workshops and initiatives
- **Be My Eyes Volunteer –** Assisted visually impaired individuals through remote video support
- **Green Hands NGO Volunteer –** Distributed books to underprivileged children

## Skills

**Programming:** Python, MATLAB, SQL, Java
**Analysis:** Data collection, annotation, cleaning, visualization
**Research:** Literature reviews, survey design, policy writing basics
**Collaboration Tools:** GitHub, Slack, VS Code, Excel

## Awards and Certifications

- Certificate of Excellence, King Abdulaziz University
- Research Methodology Certificate
- Communication & Interpersonal Skills at Work
- Solving Inequality in Education Certificate

## Languages

**Arabic:** Native
**English:** Fluent