

# Abdulaziz Albadawi

An Electronics student passionate about design and data science seeking more opportunities to get experience in the industry.

Haram St, Giza, Egypt.

(+2) 01225352517

[albadawiabdulaziz@gmail.com](mailto:albadawiabdulaziz@gmail.com)

[Website](#)

[GitHub](#)

## EDUCATION

### Ain Shams University — *BEs Electronics and Communications Engineering*

Fall 2020 - Spring 2025

Coursework: Electronics, Digital Circuits, Embedded Systems, Computer Programming with C++, Logic Design and Signals and Communication.

## EXPERIENCE

### ASU Racing Team — *Multimedia Designer*

OCT 2021 - OCT 2022

- Design social media posts, Prepare presentations for international competitions and Design printable materials.

### Master Micro — *Analog IC Design Quality Assurance Intern*

Jul 2023 - Oct 2023

- Test and Validate Master Micro Tools
- Ensure User Experience in All Master Micro Tools.

### Bubbles Studio Digital Agency — *Founder and Lead Designer*

MAY 2021 - PRESENT

- Lead the Creative & Managerial Team
- Research, wireframe and brand the company profile
- Design, code and Launch clients' websites

## PROJECTS

### GPS Tracker System in ARM — *Embedded Application*

This C++ project is about creating a program for performing mathematical operations on matrices. It includes basic operations like addition, subtraction, multiplication, and division.

### Design ALU using HDL and Cadence — *Circuit Model*

Using Verilog, design an ALU capable of performing arithmetic and logical operations. The MSB of the selection line selects the output, while the other 3 bits select the operation to be performed.

## SKILLS

### DESIGN TOOLS AND SKILLS

- Adobe Suite - Figma
- Webflow - User Interface
- User Research - A/B testing
- User Journey - Web Design
- Interaction Design
- Wireframe & Prototype

### DATA ANALYSIS TOOLS AND SKILLS

- Python - Pandas - Numpy
- Matplotlib - SQL - Statistics
- Linear Algebra
- Hypothesis tests

### STUDY-RELATED SKILLS

- Office Suite - Matlab
- Python - C/C++ - Arduino
- ARM Tiva C - Assembly

## AWARDS

**The Perfect Student** out of 15k Students at the Faculty of Engineering Ain Shams University, The judges were a board of Faculty professors.

## LANGUAGES

Arabic (Native), English (Fluent)