

# Ezzeldin Muhammed ElSayed Taha

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## Education:

Faculty of Engineering, Helwan University

(2014 - 2019)

BSc. Electrical Machines and Power Department

Accumulative Grade: Good

## Graduation Project:

- Title: 2 Passenger-Seat Urban Electric Vehicle
- Description: Design and implement the Power Train System of the Electric Vehicle, Balancing the Energy from Battery pack using, Configuration of the Motors & Drivers and interfacing with Tiva C and using SAMSUNG Tablet.
- Supervisors: Dr. Mohamed Ali Dawood and Dr. Mohamed Elkorfoly
- Grade: Excellent

## Elective Courses:

- CS50 (C Programming Language) [Edx](#)
- Algorithmic Toolbox, Algorithms Course 2018, [Coursera](#)
- Web Development Track, [Coursera](#)
- UiPath Advanced Developer Track, [UiPath](#)

## Projects:

- **Full English spell checker, CS50, [Edx](#).** Jan 2016 - Jul 2016
  - Implemented English spell checker using Trie data structure implemented in C & C++ languages.
- **Green House Control based on PICmicro-controller PIC16F77A** Feb 2018- Jun 2018
  - Using DHT11 Temperature-Humidity Sensor, Grove Moisture Sensor, MG811 CO2 Sensor, Light sensor.
- **ABU Robocon Robot.** Sep 2018- Jul 2019
  - Omni direction Robot tasked with Shuttlecock throwing, Implemented with C, C++ using OOP Techniques.
- **Door Locker Security System** Jun 2019- Sep 2019
  - consists of two ECU's. The first ECU called HMI responsible for interfacing with the user and the second ECU called control ECU which is responsible for the system operations and control. In the project I implemented the following drivers: Keypad, LCD, DC Motor, UART, Timer, I2C and External EEPROM.
- **System Administration** May 2020
  - Design A system administration for Co-Working Space to manage reservations.
- **Landing Page** Nov 2020
  - A Sectioned web page that builds a dynamic navigation bar Using HTML, CSS, java script.
- **Weather Journal app** Dec 2020
  - A webapp that uses Asp.net Core, java script, HTML, CSS to record Weather journal for users.
- **Vidly** Dec 2020
  - A website for video renting Using ASP.net MVC, Entity framework, frontend technologies.
- **Expedia Audi Bot**
  - Audit bot to check Flight ticket reserved Correct or not if not send mail to Stockholder's to take action before client have a problem on Air Port
- **Expedia QA Bot**
  - QA bot to attendance Bot to assist QA on his task to not Duplicated his Submit .
- **Data warehouse Bot**
  - Transform all the data from clients web site to database in my company we have 58 client .
- **Finance Bot.**
  - Extract data from Pdf to Excel sheet and do some calculations to Settlement money to people before resign
- **SAP Bot**
  - Data entry bot to enter new hire on SAP .

## Technical Skills:

- **Software:**

- C Programming language (Excellent knowledge).
- C++ Programming Language (Good Knowledge).
- Good knowledge about Data structures, (stack, queue, linked lists, doubly linked lists, hash tables, tries) Implemented in C, C++.
- Good knowledge about algorithms, (binary search, breadth first search, depth first search, Merge sort, bubble sort, quick sort) Implemented in C, C++, Python.
- C# Programming Languages (Excellent knowledge).
- OOP Concepts
- Python (Basics).
- Git Version control.
- Linux (Basic)

- **Web Technology**

- ASP.net Core
- ASP.net MVC.
- SQL
- NoSQL
- Microsoft SQL SERVER
- Java Script.
- HTML5, CSS

- **RPA UiPath Automation :**

- UiPath development Foundation , [UiPath](#)
- UiPath Advanced Developer , [UiPath](#)
- UiPath Task Capture , [UiPath](#)
- UiPath Automation Hub , [UiPath](#)
- IBM Data Science Professional Certificate Specialization , [Coursera](#)

- **Testing**

- ISTQB Foundation level, [Tarek Roushdy](#)
- Testing Boot camp, [Udemy](#)

- **Embedded:**

- AVR Micro-controllers Interfacing.  
(Implemented Drivers MCAL: GPIO, ADC, ICU, Timers).  
(Implemented Communication Drivers MCAL: UART, SPI, I<sup>2</sup>C).  
(Implemented Drivers HAL: External EEPROM, LCD, Keypad).
- C for Embedded Applications (Embedded C).
- Fundamental of Real Time OS (RTOS).
- Fundamental of Software Engineering.
- Embedded Tools (Proteus).

## Work Experience:

- **Senior RPA Consultant at Ghabbour Auto(GB Corp).** **Sep 2023 – Present**
- **Description:**
  - Develop RPA solutions using UiPath and create documentation for each solution.
  - Choose appropriate robot types between attended, unattended, and hybrid.
  - Built reliable, stable, and scalable RPA solutions.
  - Attended UAT and Hypercare sessions with stakeholders.
  - handled emails, complaints, and requirements from stakeholders.
  - Built RPA documents like PDD, SDD, and handover documents.
  - Worked in support squad, and I was able to assist the client and resolve their tickets.
  - Worked on optimizing the orchestrator's robot licenses to avoid wasting runtime licenses.
  - Review PDDs before the design phase to determine whether the process can be automated and whether additional information from the SME is required.
  - Attended stakeholder meetings to share project updates and discuss blockers with them, as well as how to resolve them properly and quickly
- **RPA Software Engineer at Teleperformance.** **Oct 2021 – Sep 2023**
- **Description:**
  - Develop RPA solutions using UiPath and create documentation for each solution.
  - Choose appropriate robot types between attended, unattended, and hybrid.
  - Slashed customer time and effort by developing successful and stable robots.
  - Keep customers satisfied by finishing the robot before ETA and handle their complaints and Requirements.
  - Continuously monitoring robots and fix them if needed.
  - Worked on team projects and individually.
- **RPA & .Net developer at Beta Electronics.** **Jan 2021 – Oct 2021**
- **Description:**
  - Responsible for building embedded system application using C# , .NET Core , NoSql and Modbus Communication Protocol to installation rooms controlled on temperature , Humidity and ratio of Dust then export Gui using .Net Core to control from it at the room .
  - Build Laboratories To test household appliance according to IEC Using C# and Front end Technologies .
  - Responsible for enhancement the Web application of our Company [Beta-elec.com](http://Beta-elec.com) .
  - Develop RPA solutions using UiPath.

## Activities:

- **ABU ROBOCON Member of Electrical Team** **Sep 2016 – Jul 2019**
  - Working on control design and selection of field instrument.
  - Implementing control software.
  - Working with mechanical team on robot implementation.

## Personal Information:

**Date of Birth:** 10<sup>th</sup> July1996.

**Military Service:** Finished.