My Resume

PERSONAL INFO:

- Name: Hayl Saeed Hayder Al-Khadhami.
- Age: 33 years old.
- Gender: Male.
- Nationality: Yemen.

CONTACT DETAILS:

- Cellphone: +923161121152.
- Email: hayl.khadhami@gmail.com.
- Social Media: @halkhadhami.
- Website Profile: halkhadhami.github.io.
- Address in Yemen: Hayel Street, Maean District, Sana'a, Yemen.
- Current Address: Block 9, Golistani-e-Johar, Karachi, Pakistan.

QUALIFICATIONS:

- Master Degree in Industrial Engineering and Management (Automation Discipline), Dawood University of Engineering and Technology, Karachi, Pakistan (Excellent grade).
- Bachelor Degree in Computer Engineering, Faculty of Computer science and engineering, Hodeida University (2009-2013) (very good grade).
- One-year of English language diploma (writing, reading, spoken, listening) and get very good (83.50%) during 2008-2009.
- High school – scientific (2007-2008) (very good grade).

LANGUAGE:

- Arabic (native).
- English (fluent).
- Urdu (basic).
- Chinese (basic=HSK2).

EXPERIENCE:

- Teaching experience:
  Conducting tutorial and laboratory sessions and administrating the following list of courses:
  - Image processing.

- - C++, C#, Assembly languages.
    - Analog and digital electronic.
    - A+ hardware.
    - Network+.
    - Digital design.
    - Computer system engineering.
    - Computer architecture.
    - Android applications development.
    - Embedded systems (PIC-AVR).
- Work experience:
    - I have a work experience in Yemen Dairy and Food Products Company for more than 9 years, Hodeida, Yemen as automation engineering for 5 years since the beginning of 2014 up to end of 2018, electricity control technician for more than two year (2012-2013). and boilers & air compressors operator for more than two years (2009-2011).
    - I Worked 5 months as an Automation Engineer and Electrician in YMCO Pharma for medicine productions company, Sanaa, Yemen.
- ❖ Academic work experience where I worked as an IT teacher in the Education and Applied Science College of Raimah, Hodeida University for 5 years since 2014 up to 2019.
- ❖ Research experience gained by studied research methodologies course in 1st semester and submitted a lot of research and literature reviews assignments during master and currently, also I have the following papers:
    1. published paper titled "Efficient Detection and Recognition of Traffic Lights for Autonomous Vehicles Using CNN" as a co-author.
    2. Under review "A survey of advancements in Graph Neural Network integration in recommender systems" as a co-author.

RESEARCH INTERESTS:
- Artificial Intelligence.
- Vision-based deep learning techniques.
- Vision-based measurement and soft sensors.
- Embedded Systems hardware and software.
- Electrical and electronic elements.
- Smart phone application development and security.
- ELV (extra-low voltage) systems fundamentals.
- PWM (pulse width modulation) and some of its modern applications.
- BMS (building management systems).
- Electronic circuit and Printed Circuit Board (PCB).
- Solar energy and its components.

PERSONAL SKILLS:

- Have knowledge in Research Methodologies, Projects Management, Total Quality Management, Supply Chain Management, Modeling and Simulation, Industrial Instrumentation and Measurement, Pattern Recognition, Computer Vision, Six Sigma Management, and Lean and Agile Manufacturing Management which is enough to enable me to occupy any positions, job, or tasks within these fields.

- Working with Python and JupyterLab, Kaggle or Colab to perform some relevant works like training some deep learning models.

- Using some research tools like EndNote, SPSS and Latex project.

- Working with image dataset like acquisition, preprocessing and labeling.

- Programmable logic controller (plc) programing (S5-100, S7-200, S7-300, and S7-1200) with touch panels Human Machine Interface (HMI).

- Design of simple embedded systems using AVR microcontroller and Bascom-AVR IDE (Integrated Development Environment).

- Design PCB with Proteus and Eagle software and solder it.

- Electrical wiring and design the power and control circuit.

- Read and write electrical schematics professionally.

- Install solar cell and inverter power systems.

- High skill in diction gained from teaching.

- Teamwork Senior for automate some industrial machinery.

- Teamwork Senior for new plant electrical wiring.

- Teamwork Senior for new machine commissioning.

- Operation and maintenance of boilers and air compressors.

- Android applications development (basic level).

- Embedded systems implementation and development.

- Ability to perform total quality mgt, supply chain mgt, project mgt gained from master's courses.

ADDITIONAL INFORMATION:

- My mother tongue is Arabic.

- I got the 3rd rank during undergraduate study with GPA: 81.23%.

- I have a patience ability, durability and work for long periods.

- Curiosity and love teamwork.

- Very respectful and always have ready to perform any new task.

- Work during any time of the day.

- My bachelor and diploma study were during working in Yemen Dairy and Food Products Company aforementioned.