**KHOA V.D HUYNH**

714-989-9331

kaohulogist@gmail.com

Goodyear, AZ 85338

(U.S. Citizenship)

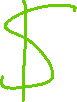
A Manufacturing Machine Automation with hand-on experience in industrial automation control systems including electro-mechanical components, sensors, pneumatics, and drive systems. Proficient in troubleshooting, system integration, implementation, and project management. An eager-to-learn professional dedicated to mutual growth with the company.

**SKILLS:**

* Industrial Automation: PLC, HMI, SCADA, RFID, Allen Bradly, Siemens
* Teamwork; Ethical; Attention to Detail; Bilingual, Problem Solving, Time Management.
* Programming & IT: Python, AWS, Security+, Linux
* Documentation: Drafted Design Specifications, Test Plans, and Engineering Reports.

**WORK EXPERIENCE:**

**Siemens, Tempe/Phoenix, AZ 11/2024 - present**



(Building Automation Solutions / Field System, senior Automation Installer Specialist)

* Installed, serviced and controlled building automation systems (BAS/BMS) for HVAC, lighting, security, and access control.
* Ensured system database and programing, graphics verification including test and write modifications to system software.
* Integrated building system using various industrial control network protocols: BACnet, N2, and Modbus.
* Experienced with construction setting for mechanical, plumbing, boiler, chiller, air handler, and electrical systems.

**Humana, Phoenix, AZ 12/2022 – 11/2024**



(Automation Pharmacy Engineering Technician)

* Ensured drug distribution reliability to target machine downtime under 3%.
* Supported the development of equipment and system designs to achieve 50,000 prescription orders daily.
* Skilled in navigating and modifying HMI applications, connecting to PLCs and troubleshooting programming logic.
* Utilized hand and power tools for regular preventative maintenance, inspections, and repairs.
* Support and maintain SCADA systems, ensuring accurate KPI monitoring and reporting.
* Collaborated with cross-functional teams to improve efficiency.

**NASA Texas Space Grant Consortium Design Challenge 09/2021- 06/2022**

(Technical Design System Lead)

* Designed interchangeable controllers for automation, interacting with sensors, executing program base on position.
* Applied AutoCAD to create 3D printing model prototypes and developed a Python-based GUI for the microcontroller.
* Successfully developed a highly reliable product with a swapping rate above 95%, all within a budget of $1000.

**U.S. Department of Commerce, Katy, TX 05/2020 – 11/2020**

(IT Support Specialist)

* Managed the remote deployment of OS patches and updates to avoid service and resolve technical issues.
* Applied information security protocols to oversee account credentials and directed the need to higher-level support.

**US Jaclean, Houston, TX 05/2016 – 09/2019**



(Manager)

* Managed daily operations in sales, covering vending, retail, and wholesale channels.
* Led a team of 10, coordinating project deadlines, and ensuring successful product distribution.
* Adopted a transparent sales approach, fully informing clients about product feature and limitation to their needs.
* Ranked among the top 3 sales in the region.

**EDUCATION:**

**The University of Texas at Tyler, Houston, TX Graduated: 06/2022**

Bachelor of Science, Electrical Engineering (BSEE)

