

Syed Wadood Hasan

+1 (571) 619-0767 | syedwadoodhassan@gmail.com | [linkedin.com/in/syedwadoodhasan/](https://www.linkedin.com/in/syedwadoodhasan/) | github.com/Deadrep

Experience

Brand New Galaxy MEA

Oct 2021 - Nov 2021

Software Engineer Intern

Remote, DXB

- Implemented automation to streamline customer response to online submission forms, reducing data entry time.
- Developed an automated process that improved efficiency and accuracy of data entry by **95%**, resulting in the completion of approximately **48,000+ entries** per day.
- Reduced manual data entry by **10-12%** through the implementation of an automated system, decreasing the need for man hours by **40**.

CVS Pharmacy

Sept 2022 - Nov 2022

Shift Supervisor

Northbrook, IL

- Successfully enrolled an average of **4-7 customers** per day in the CVS Carepass program, a monthly membership that offers additional discounts and other benefits.
- Maintained extensive knowledge of products and services to provide informed recommendations to customers, resulting in increased satisfaction.
- Demonstrated consistent high levels of customer satisfaction, with a **95%** or higher satisfaction rate on over **250** customer feedback surveys.
- Responsible for maintaining the sales floor, including restocking shelves, checking in vendors, updating pricing information, and conducting inventory management tasks as directed by the store manager.

Projects

Pitch Perfect | Java, HTML/CSS, JSoup, JavaScript, NLP API, AJAX, JDBC, MySQL, Git

- Designed and programmed a responsive web application and database, that helps discover sport activities and book facilities nearby.
- The website makes use of third-party data (from web scraping and a web service), which is processed with a Servlet and accessed with AJAX. There is also SQL used for database creation and that is accessed via Servlets.

SPFD | Python, Tkinter, Bash, RPi.GPIO, FreeCAD, Fritzing, Ultimaker Cura

- Designed and implemented a DIY Smart Pet Food Dispenser using a Raspberry Pi, with a automated weighing system that controls the amount of food and delivery intervals while enabling customization.
- The entire food dispenser and housing model for the RPi was designed in FreeCAD after measuring individual components. Ultimaker Cura was used to slice the 3D-model to obtain the gcode file to 3D print.

Auto-Fill | Python, HTML/CSS, JavaScript, Selenium, PyQt, Git, Figma

- Designed and implemented a productivity application with a Graphical User Interface (GUI) that deals with Business Process Automation (BPA). It automates the process of manual data entry onto online submission forms.
- For scripting purposes Python and JavaScript was used. The User Interface was designed using PyQt (Python Plug-in). Selenium web framework was used for browser automation.

Education

Middlesex University

September 2019 – June 2022

Bachelor in (Honours) Computer Systems and Engineering; First-Class Honours (I)

DKP, DXB

- Relevant Coursework:** Data Structures, Algorithms, OOP, Web Apps Development, Embedded Systems, Design of Usable Interactive Systems
- Awards:** Academic Excellence Merit Scholarship, Winner at Technovation 21-22 (FinTech) Competition, Recipient of U.A.E Golden Residence Visa

Technical Skills and Interests

Languages: Python, Java, C/C++, JavaScript, HTML/CSS, SQL, Bash, VHDL, LaTeX

Frameworks: Tkinter, PyQt, Selenium, Bootstrap

Technologies: REST APIs, AJAX, JSoup, JDBC, MySQL, MongoDB, Git, MS PowerAutomate, Figma, FreeCAD, Fritzing, Ultimaker Cura, EndNote, ChatGPT, and Notion

DevOps: GitHub Actions, Amazon Web Services

Interests: 3D - Modelling & Printing, Tech enthusiast, Volleyball, Competitive E-sports, Entrepreneurship, and Coffee aficionado.