ALAA SERHAL

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PROFESSIONAL EXPERIENCE

Murex, Beirut, Lebanon   Jul 2020 – Present
Product Manager (Murex Testing Suite)

- Led a team of 6+ developers and QA consultants to enrich and maintain the Murex Testing Suite (MTS), a library of 200+ predefined tests covering all MX.3 modules improving by 38% the test coverage KPI and enhancing safety nets.
- Collaborated cross-functionally with 5 departments across 3 locations (Beirut, Paris, and Bucharest) to establish the infrastructure for automated regression and non-regression testing for 90+ (including SaaS) clients and 15 CI/CD projects (Jenkins, ansible and nexus).
- Launched the product roadmap and strategy of Murex testing suite for Murex's largest module using Agile and SAFE methodologies and onboarded 15+ test engineers.
- Spearheaded a team of 18 test engineers to implement 3000+ test scenarios covering external interfaces communicating with the Murex Software under a critical timeline.
- Designed a new generic solution to answer testing needs and cover 40% of new business requests without additional costs and development.
- Groomed and prioritized the program backlog on JIRA, understood customer testing and quality needs and implemented 30+ stakeholder features.

Bayerische Motoren Werke - BMW, Munich, Germany   Feb 2020 – Aug 2020
Software Engineer Intern (Logistics Robotics)

- Collected and analyzed the BMW plants' requirements for the 4 robots' GUI.
- Led the user interface team in developing the generic approach of the new user interface for all 4 robots that improved the robots' responsiveness and engagement by 63%.
- Developed the user interface and API using Flask (python), HTML, CSS, SocketIO and ROS (robotics operating system) to control the multiple logistics robots that are currently deployed in 2 main plants: Munich and Leipzig BMW production plants.
- Developed the Logistics Robotics Web Application to monitor the 4 robots in production, generate logs and statistics, and control the robots remotely and on-premises.
- Onboarded 3 interns to maintain and improve the BMW logistics robotics user interface.

EDUCATION

Lebanese American University, Byblos, Lebanon   Sep 2015 - Jun 2020
Bachelor of Computer Engineering

- Awards and Clubs: Dean's Distinction List, IEEE, Robotics club.
- Activities: Computer Lab Assistant.

SKILLS & OTHER

- Skills: Product Management - Agile Methodologies - Scrum - Market Research - Strategic Planning - Requirements Gathering - Quality Assurance - Software Testing - Product Design - Data Analysis - Software Development - Database Management
- Programming: Python - Java - Git- PHP - HTML - CSS - Javascript - SQL - MATLAB - Unix/Linux
- Tools: JIRA - Confluence - Servicenow - PEGA - Miro Board - Jenkins – CRM - Microsoft Office - Microsoft Power BI - Adobe XD (UI/UX) - Adobe Photoshop - Adobe Premiere Pro
- Languages: English - Arabic - French (A1)

Certificates

- Data Analyst Associate, Microsoft (Power BI)
- Certified SAFe® 5 Agilist, Scaled Agile Framework® (SAFe®)
- Digital Marketing Specialist, Fundamentals of Digital Marketing by Google Garage