ALICE MAHIEU
BIOMEDICAL ENGINEER & PROJECT MANAGER

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Innovation for life science

EXPERIENCE

05/2023-TODAY
SCIENTIFIC BUSINESS ANALYST | INTERNATIONAL BIOTECH COMPANY, *MAINZ, GERMANY*

- ❖ Collaborate closely with lab users to gather requirements and translate them into user stories for diverse lab solutions (analytics platform, LIMS, ELN).
- ❖ Facilitate direct communication between lab users and project team/solution provider, bridging business and technology.
- ❖ Streamline a previously unstructured process, enhancing knowledge transfer and boosting collaboration and productivity.
- ❖ Utilize an Application Lifecycle Management tool to support project teams throughout agile software implementation.
- ❖ Thrive in a fast-paced environment that requires flexibility and resilience, consistently delivering results amid dynamic challenges.

11/2022-TODAY
TECHNICAL BUSINESS ANALYST | INTERNATIONAL LAB AUTOMATION COMPANY, *BASEL, SWITZERLAND*

- ❖ Spearhead implementation of automated lab solution platforms for diverse clients as the lead Business Analyst.
- ❖ Align stakeholder needs by meticulously gathering and evaluating user requirements, ensuring seamless integration into the system's design.
- ❖ Streamline workflows and enhance productivity by addressing and resolving engineering requests, identifying discrepancies, and proposing optimized solutions.
- ❖ Identify foreseeable workflow deviations and document corresponding error handling.
- ❖ Orchestrate end-to-end and comprehensive documentation (Functional Design Specification). This encompasses business and technical requirements, software functionalities, details diagrams, flowcharts, and User Interface proposals to elevate user experience.
- ❖ Maintaine project momentum, track issues, and ensure on-time project delivery.
- ❖ Collaborate closely with Software Engineering and Software Architect teams to design optimal and most fitting solutions.

03/2021-08/2021
PROJECT MANAGER | ARCONDIS GROUP, *REINACH, SWITZERLAND*

- ❖ Project Manager and Business Analyst for a successful market research project for a US-based company that manufactures and commercializes cell sorting platforms.
- ❖ Identified innovative use cases for existing devices and novel areas of application.
- ❖ Collaborated with consultants on MedTech Industry projects.
- ❖ **Achievements:** Unlocked a strong collaboration with a leading life science company.

09/2020-02/2021
BIOSPECIMEN ANALYST | ROCHE DIAGNOSTICS INTERNATIONAL, *ROTKREUZ, SWITZERLAND*

- ❖ Acquisition and management of biological materials and associated data designed to facilitate and support Roche's development activities.
- ❖ Managed and characterized biological materials, maintained an accurate inventory of biological materials, conducted assessment checks, resolved discrepancies, and provided solutions to avoid them in the future.
- ❖ Key LIMS user to configure it for the biospecimen group.
- ❖ Analyzed samples' data, prepared reports, and provided recommendations.
- ❖ **Achievements:** Reconciliation of 70% of the samples within the BSM LIMS database, optimized samples storage: 10% augmentation of freezers' capacity, created instructions for samples transfer workflows through LIMS.

EDUCATION

10/2021-10/2022
M.SC: BIOMEDICAL ENGINEERING | IMPERIAL COLLEGE LONDON, *LONDON, UK*

Stream of Biomechanics and Mechanobiology. Strongly emphasized Orthopaedic Biomechanics and Medical Device Certification. Msc awarded with Distinctions ('75.15/100), top 10% of my promotion.

2016-2020
B.SC: LIFE SCIENCE ENGINEERING | SWISS FEDERAL INSTITUTE OF TECHNOOGY LAUSANNE (EPFL), *SWITZERLAND*

Engineering, biosciences, mathematics and physics. Overall grade of 5.13/6, top 15% of my promotion.

SKILLSET

- ❖ Business, Technical and Scientific Requirements Collection and Analysis
- ❖ Biomechanics Engineering
- ❖ Project Management
- ❖ Programming (C++, MATLAB, Python, R), Microsoft Office, GSuite, Spiraplan

LANGUAGES

- ❖ French (mother tongue)
- ❖ English (fluent)

CERTIFICATIONS

- ❖ PRINCE2 Foundation