

# RAHMI ALKAN

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## SUMMARY

A Biomedical Engineer with **1+ year** hands on experience in clinical device training, technical support, regulatory standards, and assisted medical professionals navigate the complexities of modern medical equipment. Passionate to develop and contribute in **QMS** and **regulatory compliance** of medical devices.

## EDUCATION

**MSc in Msc Biomedical Engineering Science** | Ulster University, Belfast | 2022 – 2023

- **Modules:** Medical Device Design, Bioinstrumentation, Quality Improvement
- **Publication:** [Computational Evaluation of IABP, Impella 2.5, TandemHeart and Combined IABP and Impella 2.5 Support in Cardiogenic Shock](#)

**BSc Biomedical Engineering, Grade: 1<sup>st</sup> Class: 73.75%** | Karabuk University, Turkey | 2014 – 2018

## WORK EXPERIENCE

**Ecommerce Trader** | eBay Self Business Account | November 2022 – Present | Remote, UK

- Conducted market research in Zik Analytics and negotiated prices, increasing sales by 15% in 3 months.
- Improved product photos and listing templates on **canva**, achieving a ~**20%** increase in viewing rates.
- Conducted product analysis to ensure compliance with eBay standards prior to listing.

**Biomedical Engineer** | Dunya Hospital | Nov 2020 – Sep 2021 | Batman, Turkey

- Provided on-site consulting and technical guidance to medical personnel, ensuring optimal performance
- Delivered **technical support** and improved performance of medical equipment in a high-volume hospital with a patient-to-staff ratio of **10:1**, covering ECGs, Anesthesia, Ventilator, and patient monitor.
- Streamlined medical equipment calibration procedures, enhancing operational efficiency by **15%**.

**Inspector(Work and Travel Programme)** | Vail Resort | Jun 2018 – Oct 2018 | Crested Butte, Colorado, US

- Inspected 30+ hotel rooms daily, following the hotel standards strictly, reducing maintenance issues, and increasing guest satisfaction by **10%**, reflected in housekeepers' tips.
- Repaired issues with electronic hotel room appliances, such as damaged circuits, faulty wiring and broken cords.

**Intern Biomedical Engineer** | Dunya Hospital | Jun 2017 – Aug 2017 | Batman, Turkey

- Performed detailed quality control checks and regulatory inspections on various medical equipment like x-ray machines, autoclaves and ECG machines to ensure they met industry standards, improving patient safety.
- Wrote daily reports on repairs and technical papers to share knowledge and improve hospital processes.

**Intern Biomedical Engineer** | Atatürk Eğitim ve Araştırma Hospital | Jul 2016 – Sep 2016 | Izmir, Turkey

- Trained in analyzing and repairing various medical electronic equipment, ranging from patient monitor to x-ray engine, resulting in a ~**10%** reduction in equipment failures.
- Utilized soldering techniques to repair electrical wires and components, ensuring safe and reliable operation of equipment across the hospital.

## LANGUAGES, SKILLS AND CERTIFICATES

- **Languages:** English (advanced proficiency), Turkish (native), Kurdish(native)
- **Skills:** MS Office Suite, Regulatory compliance, Technical Documentation, Interpersonal Relationships, Troubleshooting, Academic Research, Validation IQ OQ PQ
- **Certifications:** ISO 13485, ISO 9001, ISO 9000, COSSH, Health and Safety, Quality Assurance Manager Training