



NABIHAH SUBANDRIO

Biomedical Engineer

WORK EXPERIENCE

Engineering Assistant

National University Health System (NUHS) | April 2022 - Present

Manage Equipment: I work on the commissioning, calibrating, testing, maintenance, investigation, troubleshooting, repairing, and decommissioning of medical equipment and the requisition of equipment parts.

User Support: I provide technical support, educate hospital personnel on the proper and safe usage of medical equipment, and advise them on the cost-benefit analysis of the different options in handling biomedical equipment breakdowns.

Vendor Liaising: I supervise the specialist vendors on medical equipment maintenance and repair and liaise with them regarding the purchase of spare parts and accessories.

Importance: My role supports the daily operations in NUH by ensuring that the medical equipment is safe and functioning correctly so that the patients receive quality healthcare.

Acquired Knowledge: This gave me knowledge of the different medical equipment, their lifecycles, and the different steps of the workflow to ensure the quality of the medical equipment.

Production Technician

Bio Rad Laboratories | Jan 2021 - April 2022

Job Scope: I worked on the assembly, quality assurance checks, debugging, and repair of Polymerase Chain Reaction (PCR) devices and helped refine the assembly procedure to improve clarity and understandability.

Importance: My role ensures that customers receive high-quality products that meet the specified requirements.

Acquired Knowledge: This gave me experience in the process of the manufacture of high-quality biomedical devices, following regulations such as ISO13485-2016, CFR 21, cGMP, etc.

Dental Assistant

SingHealth Polyclinics | Sept 2019 - Dec 2019

Job Scope: I helped the Dental Officer with dentistry tasks such as handling dental equipment, maintaining cleanliness and sterility of dental equipment, and educating clients on dental and post-operative care.

Importance: My role supports the daily operations of Dental Polyclinic by ensuring patient safety and providing quality healthcare.

Acquired Knowledge: This gave me experience in healthcare regulations, infection control, and patient care and interaction.

Internship

Medtronic International Limited, Spinal and Biologics | April 2015 - August 2015

Job Scope: I used the Articulate software to build online modules to teach biomedical sales representatives about spinal anatomy and spinal biomedical equipment.

Importance: My role helped with the automation of the teaching of biomedical equipment.

Acquired Knowledge: This gave me knowledge of spinal anatomy and biomedical equipment and the ability to understand and explain concepts efficiently.

EDUCATION

Singapore University of Social Sciences

Degree in Biomedical Engineering | August 2023 - Present

Singapore Polytechnic

Specialist Diploma in Biomedical Engineering | April 2021 - May 2022

University of Queensland

Degree in Biomedical Science | Feb 2018 - June 2019

Dropped out as I realised I was more interested in the engineering aspect.

Temasek Polytechnic

Diploma in Biomedical Engineering | April 2013 - May 2016

PERSONAL STATEMENT

I am a compassionate and dedicated professional excited by the idea of making a positive contribution by working on medical technologies that will improve patient healthcare. I am looking to secure a long-term position where I can provide technical support for medical equipment.

HOBBIES

- Rock climbing
- Hiking
- Kayaking
- Camping
- Stargazing

QUALITIES

- Meticulous
- Positive mindset
- Diligent
- Organized
- Accountable
- Independent worker
- Effective communicator
- Critical thinker

REFEREES

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