

# NABIHAH SUBANDRIO

Biomedical Engineer



## WORK EXPERIENCE

### Engineering Assistant

*National University Health System (NUH) | April 2022 - Present*

I work on the troubleshooting, repairing, calibrating, maintenance, investigation, commissioning, decommissioning and disposal of the medical equipment and the requisition of equipment parts.

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

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

This gave me knowledge in the different medical equipments, 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*

I work on the assembly of Polymerase Chain Reaction (PCR) devices, quality assurance checks, and helped with refining the assembly procedure to help with clarity and understandability.

This gave me experience in the process for 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*

I helped the Dental Officer with the dentistry tasks such as endodontic and prosthodontic procedures, dental radiography, handling dental equipment, maintaining cleanliness and sterility of dental equipment, educating clients on dental and post-operative care.

This gave me experience in the usage of biomedical dental equipment, dental biology, healthcare regulations, infection control and patient care and interaction.

### Internship

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

I used the Articulate software to build online modules to teach biomedical sales representatives about spinal anatomy and spinal biomedical equipment, helping with the automation of biomedical equipment teaching.

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

## EDUCATION

### Singapore Polytechnic

*Specialist Diploma in Biomedical Engineering | April 2021 - May 2022*

*Learnt about Anatomy & Physiology, Biomedical Instrumentation, and Biomedical Equipment & Engineering Practices.*

### University of Queensland

*Degree in Biomedical Science | Feb 2018 - June 2019*

*Learnt about Theory & Practice in Science, Genetics, Integrative Cell & Tissue Biology, Principles of Pharmacology.*

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

### Temasek Polytechnic

*Diploma in Biomedical Engineering | April 2013 - May 2016*

*Learnt about the fundamentals in Biomedical Engineering, include the Science and Mathematics behind it, and various medical devices.*

## PERSONAL STATEMENT

I am a compassionate and dedicated professional excited by the idea of making a positive contribution to the world by working on medical technologies that will improve patient healthcare.

I am looking to secure a long-term position where I can help with to provide technical support for medical equipment.

## HOBBIES

- Rock Climbing
- Hiking
- Kayaking
- Camping
- Stargazing

## QUALITIES

- Meticulous
- Hard working
- Critical thinker
- Positive
- Strong interpersonal communication skills
- Ability to work independently

## REFEREES

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## GET IN TOUCH WITH ME

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