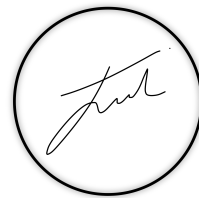


JEDRICK YUNZAL

BIOMEDICAL ENGINEER



CONTACT



+65 9023 9934



jcdefgh@gmail.com



29 Celestial Drive, Singapore
292093

EDUCATION

04/2022 - 02/2026

Nanyang Polytechnic,
Singapore

- Awarded Diploma in Biomedical Engineering
- Achieved GPA 3.65

01/2018 - 12/2021

Admiralty Secondary School, Singapore

- Completion of Singapore-Cambridge GCE N-Level
- Scored 10 points for N-Levels, qualified for Polytechnic Foundation Programme (PFP)

LANGUAGES

ENGLISH



TAGALOG



SPANISH



FRENCH



PROFILE

Biomedical Engineering graduate with a deep passion for the intersection of technology and healthcare. I possess strong skills in data analysis, algorithm development, and the advancement of medical technologies. My commitment to improving patient outcomes drives my dedication to creating innovative solutions. I have a particular interest in integrating artificial intelligence into biomedical applications, recognising its potential to revolutionise the healthcare industry. I highly value collaboration and creativity, believing that teamwork and innovative thinking are essential for making a positive impact in the biomedical field.

WORK EXPERIENCE



Intern, Biomedical Engineer Assistant

Philips Healthcare, Singapore
03/2025 - 06/2025

- Assisted senior engineers in the development and testing of medical devices, ensuring regulatory compliance, troubleshooting technical issues, and maintaining technical documentation.
- Conducted data analysis on clinical trials to evaluate the efficacy and safety of new biomedical products, and supported the design and implementation of algorithms for patient monitoring systems.
- Prepared detailed reports and presentations on research findings and project progress for senior management, contributing ideas and solutions during regular team meetings.
- Collaborated with cross-functional teams, including R&D, quality assurance, and regulatory affairs, to ensure project success.
- Gained hands-on experience with cutting-edge biomedical technologies, participated in training sessions and workshops, and conducted literature reviews to stay updated on the latest advancements in biomedical engineering.

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EXPERTISE

- **Data Analysis:** Proficient in statistical analysis, data visualisation, and algorithm development.
- **Medical Device Development:** Assisted in the development and testing of medical devices.
- **Technical Documentation:** Experienced in preparing detailed reports and presentations.
- **Regulatory Knowledge:** Familiar with regulatory standards and compliance in healthcare.
- **Collaboration and Teamwork:** Effective in cross-functional team environments.

REFERENCES

Chew Wei Xin

Admiralty Secondary School,
Form Teacher



+65 8203 9219



chew_wei_xin28@gmail.com

SKILLS SUMMARY



Technical Skills

- Programming Languages: Python, C++, SQL
- Data Analysis: Statistical analysis, data visualization, algorithm development
- Software and Tools: MATLAB, AutoCAD (Autodesk Inventor 3D CAD software), PyCharm
- Biomedical Engineering: Medical device development, patient monitoring systems, clinical trial data analysis
- AI and Machine Learning: Basic AI integration in healthcare applications
- Technical Documentation: Report preparation, user manual creation, regulatory compliance documentation
- Database Management: SQL database management, data collection and organization
- Project Management Tools: Microsoft Office Suite (Word, Excel, PowerPoint), project planning software



Business Skills

- Project Management: Planning, execution, and monitoring of biomedical projects
- Financial Acumen: Budgeting, financial planning for healthcare projects
- Effective Communication: Clear and concise communication with team members and stakeholders
- Attention to Detail: Precision in data analysis, documentation, and compliance with standards.



Soft Skills

- Leadership: Leading team projects and initiatives
- Critical Thinking: Problem-solving and decision-making in complex scenarios
- Creativity: Innovative approaches to biomedical challenges
- Collaboration: Working effectively in cross-functional teams