QIAN WEI LIM (ALTHEA)

Results-driven scientist with a strong background in quantitative research and competent in Python and R programming. Proficient in applying statistical methodologies and analytical techniques to identify patterns, trends, and correlations within datasets. Adept at effectively communicating complex concepts to diverse audiences, including both technical and non-technical stakeholders. Seeking to leverage my analytical skills and scientific background to excel in a new career.

WORK EXPERIENCES

RESEARCH SCHOLAR, NANYANG TECHNOLOGICAL UNIVERSITY
Jan 2021 – Apr 2023

Responsibilities:
- Performed experiments and analyzed datasets to uncover scientific insights.
- Leveraged R programming for bioinformatics analysis, exploring next-generation sequencing data to investigate cell polarity deregulation.
- Provided support as a teaching assistant in laboratory and bioinformatics (Python) modules.
- Made a substantial contribution of experimental data towards the publication of a bioinformatics scientific paper.

RESEARCH OFFICER, NATIONAL CANCER CENTRE SINGAPORE
Aug 2019 – Jan 2021

Responsibilities:
- Conducted wet lab experiments and animal experiments, troubleshooted and optimized protocols and ensuring adherence to safety guidelines.
- Analyzed experimental data using statistical techniques and software, identifying key trends and patterns to inform research outcomes.
- Contributed significant lab data to support the submission of a scientific poster at the annual Frontier in Cancer Science conference in 2020.
- Demonstrated leadership as the most senior researcher in the lab, training and mentoring junior members on experimental techniques and lab protocols.
- Organized lab update meetings with the supervisor, presenting new research findings and discussing strategies for project progression.
- Efficiently managed lab administrative tasks, including inventory management, procurement, and delegated laboratory tasks, ensuring smooth operations and optimized project progression.

EDUCATIONS

BACHELOR OF SCIENCE (BIOMEDICAL SCIENCES)
University of Dundee, 2017 – 2019

Completed an honours project at the Jacqui Wood Cancer Center. Acquired proficiency in advanced laboratory techniques, data interpretation, critical analysis of current scientific literature, scientific writing, and effective communication skills. Contributed experimental data towards the publication of a scientific paper.

DIPLOMA OF BIOMEDICAL SCIENCES (MEDICAL TECHNOLOGY)
Singapore Polytechnic, 2014 – 2017

Completed a final year project at the Centre for Biomedical and Life Sciences. Demonstrated independent learning, effective teamwork, problem-solving, and data analytic skills. Applied and integrated acquired knowledge and skills from the course to execute a successful research project.

PERSONAL INFO

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Github: /altheaxcvii

Tableau Public: /altheaxcvii

CERTIFICATES

Data Science Immersive
May to Aug 2023 (Currently attending)

SQL (Basic) Certificate
HackerRank, Apr 2023

LEADERSHIP EXPERIENCES

Residential Mentor - CresPion (Garage)
2021 – 2023

International Student Ambassador - UoD
2017 – 2018

Cohort 4 Aspirant (2016) – Youth Corps Singapore
2016

Head of Blood Donation Drive - SP Red Cross
2015

AWARDS

Nanyang Research Scholarship
2021 – 2023
Highly Commended Biomedical Competitive Oral Talk
2018
Most Inspirational Presentation (Biomedical)
2018
Global Excellence Scholarship
2017-2019

LANGUAGES

English, Chinese
Native language