**Mentee Information for Mentorship**

**TomoWork Talent Acceleration Programme**

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| Name | Tay Yee Jie, Tayson | | |
| Institution | Republic Polytechnic | School | School of Applied Science |
| Diploma | Diploma in Biotechnology | Graduation Year | May 2023 |

My Self-Introduction

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| I am about to graduate from Republic Polytechnic with a Diploma in Biotechnology. I am someone with enthusiasm to learn things and possesses general empathy for others. Having found my passion in the sciences since Secondary school, specifically in 2018 and 2019, I am proactive and willing to learn to develop this passion into a full-blown career. Able to work both independently and in teams, I provide novel ideas to the table. I possess techniques in molecular biology and microbiology. I interned at a startup for my last semester of Polytechnic. I am an effective communicator with a calm attitude wherever I go, as well as proficiency in Microsoft Word and Excel. |

My Educational Background

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| **Republic Polytechnic (2020-2023)**  **Diploma in Biotechnology**  With a Grade Point Average of 3.23, the Diploma in Biotechnology taught me techniques in molecular biology, genetic engineering, biologic manufacturing, and microbiology. Most notably, I excelled at recombinant DNA technologies (rDNA) and Critical Thinking and Problem Solving, attaining an A grade for both modules.  **Canberra Secondary School (2016-2019)**  Attained 7 GCE “O” level subjects pass.  Distinctions in Mathematics, Pure Chemistry and Physics |

My Skills

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| * Effective communication * Leadership * Creative thinking * Fast decision making * Analytical and Interpersonal skills * Microsoft Excel and Word * Minitab and Tableau |

My Work Experience (including Internship)

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| **Cuprina Pte Ltd.**  **12 Sep 2022 – 29 Jan 2023**  **Product Development Intern**   * Worked both independently and in a team to prepare medical products and complete projects using effective communication. * Assisted R&D team in amphibian collagen operations and chitin extraction. * Performed a project on chitin extraction from Lucilia cuprina pupae cases in efforts for waste valorization.   **Saizeriya**  **28 Feb 2021 – 11 Dec 2022**  **Service crew (Part-time)**   * Supported store operations by replenishing inventory with numeracy and reasoning skills. * Demonstrated customer service skills by greeting the customers when they enter, making a request to clear their plates and resolve conflicts with empathy. * Served food and drinks with dexterity to more than 100 customers per shift. |

Industries I’m Interested and Why

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| I am interested in the biotechnology industry but would be open to working in the data science industry and engineering industries related to science.  With a love for biotechnology since Secondary school, I have wanted to place my main career goal in the biotech industry. There is always room for growth in the biotech industry due to the almost unlimited possibilities that can be found in the industry. These solutions are used to help the world move in a positive direction in the battle for climate change and other problems.  Data science and other related engineering industries are important to be able to test and generate these solutions in real time. That way, it is part of the trifecta of industries that collaborate to deliver life-saving solutions for the world. Whether it is genetic engineering or sustainability solutions, these industries are related to one another. This is extremely suitable for me since a career in this industry would be the most stable for the future. This is why I feel that my interest lies in these industries. |

Jobs and Roles I’m Interested and Why

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| Laboratory technician, data analyst, quality assurance and control, as well as pharmaceutical manufacturer. I have found that my seemingly childlike creativity enables me to discuss of realistic solutions that can benefit all of mankind. With my powerful analytical skills, it would enable me to process large amounts of data quickly with the relevant tools such as Tableau and Minitab. My willingness to learn would allow me to hop between the three industries which I mentioned above.  Another side career goal was always to explore as many industries that appealed to me to understand how they work hand-in-hand to offer solutions and market current ones to the world. With a plethora of jobs interested, it provides me with the best flexibility to navigate these industries without much problem. |

Questions to my Mentor

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| What would be some advice to someone who is interested in multiple industries but must choose one for his line of work to have successful career progression?  How is the company culture of your workplace?  Based on current trends, what are the most important job roles in the industry?  Looking at my current CV right now, what are some improvements that I can make to my CV?    What are the top three hard skills needed for my roles?  What are some of the hallmarks of a reputable and honest company?  What is the career progression ladder like for the biotech industry?  Have you had any experience with interns in your company?  For people with special needs, what accommodations are provided in the workplace to help them cope with the pace and demand of the workplace?  During your free time, how does one make full use of those moments to discover more about yourself? |