

# TAN YONG LER

21021785@myrp.edu.sg | LinkedIn: <https://www.linkedin.com/in/tanyongler/> | +65 9083 2098



## INTERNSHIP OBJECTIVE

Thank you for reviewing my resume. My name is Yong Ler, a Year 3 student at Republic Polytechnic, specializing in digital design and development. Upon completion of my studies, I anticipate acquiring skills comparable to those of a full-stack developer.

As a student, I am committed to enhancing my abilities and striving for personal growth. With a keen interest in data analytics, software development, and artificial intelligence, I aspire to pursue a career within these dynamic industries.

## SUMMARY OF KEY SKILLS

- Java Programming
- Python Programming
- Database Management (SQL)
- Adobe XD, Illustrator and Photoshop
- Bug Testing and Reporting
- C# for Game Development in VR, AR (Unity)
- Software Development Cycle (SDLC)
- Data and Business Analysis
- Website creation (HTML and PHP)
- Photography
- Photo and Video Editing
- Customer service
- Problem solving
- Creative thinking
- Critical Thinking and Analysis
- Interpersonal communication
- Proficient in English, spoken and written
- Proficient in Chinese, spoken and written

## EXPERIENCE

### Origin Boulder | Singapore

September 2022 – Current

#### Climbing Gym Crew/Instructor | Part Time

- Managed the counter in the gym
- Managed the gym's social media posts, including capturing and editing of content
- Taught introductory bouldering lessons to new climbers of all ages
- Received commendation for fast growth and learning of job skills

### Tamago-En | Singapore

November 2020 – March 2021

#### Kitchen Crew | Part Time

- Managed the preparation of food ingredients
- Prepared dishes for customers
- Organisation and cleanup of tools and kitchen

### Adam Khoo (I Am Gifted Programme) | Singapore

November 2019 – Current

#### Coach | Part Time

- Motivated participants between the ages of 7-19
- Built up participants in character, emotional being and academic skills
- Built quick and effective rapport with participants

## EDUCATION

### Republic Polytechnic | Singapore

April 2021 – Current (Expected Graduation: April 2024)

#### Digital Design and Development

- Current CGPA: 3.75
- Activities and Societies: SOI Club (Technology Sector), Taekwondo

### Chung Cheng High School (Main) | Singapore

January 2017 – December 2020

#### GCE "O" Levels

- Activities and Societies: National Cadet Corps (Land)

## VOLUNTEER AND LEADERSHIP EXPERIENCE

### Orientation Programme | Republic Polytechnic

13 April – 14 April 2023

#### Student Leader

- Organised the SOI Performance alongside 2 student leaders
- Played multiple roles including gamemaster and class leader on top of SOI performance leader

### World Skills Singapore (Web Technologies) | Temasek Polytechnic

27 March – 31 March 2023

#### Competitor

- 1 of 3 Republic Polytechnic competitors selected to compete in World Skills Singapore (Web Technologies)

## **Polytechnic Forum 2022 | Republic Polytechnic**

13 September – 16 September 2022

### **Delegate**

- 1 of 300 nationwide polytechnic delegates to represent Polytechnic Forum
- Represented Republic Polytechnic in the discussion of non-political affairs in Singapore
- Contributed views and opinions regarding the differing workplace opportunities both genders get in Singapore
- Collaborated with students from every Polytechnic in the discussion of opinions
- Developed and presented views and potential changes to Dr Maliki Osman, Minister in Prime Minister's Office and Second Minister for Education and Foreign Affairs

## **联合早报逗号 | Singapore Press Holdings**

3 September 2022 – Current

### **摄影培训 (Head of Photography Department)**

- Contributed in the planning of the annual plan for the photography team
- Organized events for the photography team to bond and shoot for upcoming themes
- Main adviser for the team on how to improve their photography
- Collaborated with the writing and art departments to create articles for 逗号

## **Japan Student Overseas Trip | Tokyo, Japan**

28 August – 1 September 2022

### **Delegate**

- Represented Republic Polytechnic as one of the top students of School of Infocomm in an invitational-only travel to Japan sponsored by IPREP
- Learnt about Japan's IT and technological industry as well as their advancements in this industry

## **NOTABLE PROJECTS**

### **Competition Final Year Project (FYP) | Republic Polytechnic**

27 March 2023 – Current

- 1 of 12 students to be selected for special project (AI track) Republic Polytechnic
- Collaborating with a team of 4 students from 3 different diplomas
- Developing an image plagiarism detector using computer vision, inclusive of Siamese Neural Network, OCR and Classification
- Usage of React Native, Python for AI and HTML, CSS and JavaScript
- To be submitted to SPLASH Awards competition

### **Escape From Reality | Republic Polytechnic**

17 November 2022– 6 February 2023

- Produced a VR puzzle escape game in Unity as an assignment for Immersive Technologies module
- Designed and developed the game around a real-life day in the life of a student struggling in school
- Developed and wrote game design documents, flowcharts and panoramic mockups
- Usage of C# and Oculus Quest

### **TF SCALE VII | Republic Polytechnic, Suzhou University of Science and Technology**

21 March – 28 March 2022

- Took a 5-day course learning about artificial intelligence, machine learning, computer vision and neural networking
- Photographed sample images of edible plants from Botanic Gardens for dataset
- Collaborated with students from Suzhou University of Science and Technology for overseas dataset
- Produce an image recognition artificial intelligence that can detect edible plants from Singapore and Suzhou

## **ACHIEVEMENTS & AWARDS**

### **Academic**

- Module Prize in Front-End Web Development AY2022
- Lee Foundation Scholarship AY2022
- Edusave Certificate of Academic Achievement AY2022
- Director's Roll of Honour, Yr1 Sem1, Yr1 Sem2, Yr2 Sem1, Yr2 Sem2 AY2021 – 2022
- 2<sup>nd</sup> in FSD Competition (East), National Cadet Corps AY2019

### **External**

- Best Thematic Photography, SPH 2020 – 2021 (Runner-Up), 2021 – 2022 (Best)
- Contribution to Best Themes, SPH 2020 – 2021
- Best Performance, SPH 2021 – 2022

## **CERTIFICATIONS**

- Google Data Analytics Specialization
- Google Finance Data Analyst Professional Certificate

## **REFERENCES AVAILABLE UPON REQUEST**