# Tan Jing Ren

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BLK 521 WOODLANDS DRIVE 14 #07-331,
SINGAPORE 730521

## EDUCATION

**May 21 – Aug 23**   **Murdoch University**
Graduation Date: Sep 2023

- Bachelor of Information Technology in Games Software Design and Production and Mobile and Web Application Development (Double Major)

**Mar 13 – Feb 14**   **Kaplan Higher Education Academy**
Graduation Date: Mar 2014

- Diploma in Information Technology

## WORK EXPERIENCE

**Mar 22 – Jul 22**   **ITCS Group (Service Desk Analyst)**
- Support Bank of America first level technical needs
- IT Service Management using Remedy and other proprietary tools by Bank of America

**Jul 15 – Mar 22**   **NCS (Operations Specialist) – SSOE**
- Ensuring smooth operations for education establishment
- First point of contact for IT support
- Implementing MOE IT project rollout
- Maintenance and update for IT devices
- Assisting in events that requires IT.
- Liaison with several third-party IT vendor
- Regular upkeep of inventory and assets

**Feb 14 – Feb 15**   **Converged Solutions (Software Developer and System Support)**

- Transform wireframe design into fully interactive frontend UI using HTML, CSS, jQuery and Bootstrap.
- Backend Rest API using Node.js.
- Support VOIP System
- Remote & Onsite diagnostic/ troubleshooting
- Keeping track of VOIP uptime

## NATIONAL SERVICE

**Dec 09 – Dec 11**   **Singapore Police Force, Transport and Security Command**

- Front line officer patrolling the grounds of MRT stations & Bus interchange
- Highly exposed to public, assisting & conversing with civilians/ subject

**SKILLS**

Languages

- JavaScript/ TypeScript
  *Strong understanding of the language's core concepts, data types, and features. Able to write clean, efficient, and maintainable code. Including working with Promises, async/await, and callbacks to manage data flow. Experienced in using popular JavaScript libraries and frameworks.*
- PHP
- Python
- C#, Java
  *Object Oriented Programming*
- Dart
- Golang

Frameworks

- Node.js
  *Built server-side applications and RESTful APIs using Express and consumed data from various sources, ensuring data accuracy and security.*
- React
  *Developed interactive user interfaces using React. Familiar with react Context, Jotai, Zustand, Redux for state management.*
- Next.js
  *React and Node.js full stack development in a same codebase. SEO optimized react frontend using Server-Side Rendering. Restful type safe API using typescript and routes.*
- .NET
  *Utilized Razor, HTML, AJAX, jQuery and Bootstrap to create responsive web pages. Dapper ORM for simple and efficient data access with relational mapping.*
- Angular
- React Native, Flutter
  *Build hybrid mobile application.*

Design

- Figma
  *Wireframe design that can be easily converted to prototype.*
- CSS
  *Developed responsive and dynamic user interfaces using mobile first design strategies to ensure a consistent user experience across different devices and screen sizes.*
- Tailwind CSS

Tools

- <u>Version Control</u>
  *Proficient in using Git for version control, including branching, merging, and collaborating with development teams.*
- <u>Package Management</u>
  *Experienced in using npm, pnpm and Yarn for package management, including installing and maintaining project dependencies.*
- <u>Code Quality Tools</u>
  *Proficient in using tools like ESLint and Prettier to enforce coding standards and maintain code consistency.*
- <u>Testing</u>
  *Unit testing using Jest.js*

Others

- <u>Photoshop</u>
- <u>Blender</u>
- <u>Godot</u>
- <u>Unity</u>
- <u>Microsoft Office</u>

## WEB DEV TECH STACK

FRONT END **ReactJS with Tailwind CSS**

Reasons for using ReactJS is because of the composability of components, greatly speeding development and debugging as each component serves its own purpose with the UI code and logic in the same place.

BACK END **Next.js with tRPC**

Reasons for choosing Next.js is because it brings the frontend and backend closer together in a same codebase. Enabling better developer experience and speeding up development. Client and server knows what to expect when receiving a API response/request. And with tRPC it makes designing API endpoints much easier and faster with type safety.

ORM **DrizzleORM**

Drizzle enables me to define my database schema in typescript and share the schema validation with the rest of my codebase, both frontend and backend when using with Next.js.

## PROJECTS

- [https://tanjingren.me](https://tanjingren.me)

## LANGUAGE PROFFICIENCIES

- English (Speaking and Writing)
- Chinese (Speaking)
- Thailand (Speaking)

# Murdoch
## UNIVERSITY

# Tan Jing Ren

having fulfilled all requirements
of the Statutes and Regulations has this day been awarded the

# Bachelor of Information Technology

Games Software Design and Production
Mobile and Web Application Development

CHANCELLOR

VICE CHANCELLOR

Given under the seal of Murdoch University,
Perth, Western Australia,
this **Twentieth day of September 2023**.

## Murdoch
### UNIVERSITY

Graduate 103147

**Name:** Mr Tan Jing Ren
**ID Number:** 34309148

Signed: _[signature]_
Professor Andrew Deeks | Vice Chancellor

**Date of Issue:** 08/09/2023
**Page:** 1 of 2

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### BACHELOR OF INFORMATION TECHNOLOGY

Course GPA 2.70 out of 4.00

**Advanced Standing Granted**

| Unit Code | Unit Title | | | | Credit Points |
|---|---|---|---|---|---|
| ICT170.3 | Foundations of Computer Systems | | | | 3.00 |
| ICT169.3 | Foundations of Data Communications | | | | 3.00 |
| MAS162.5 | Foundations of Discrete Mathematics | | | | 3.00 |
| ICT159.3 | Foundations of Programming | | | | 3.00 |
| ICT101.6 | Introduction to 3D Graphics and Animation | | | | 3.00 |
| MAP100.1 | Murdoch Academic Passport | | | | 0.00 |
| ICT100.2 | Transition to IT | | | | 3.00 |
| | 1ST YEAR LEVEL | | | | 6.00 |

| Unit Code | Unit Title | Grade | Mark | Status | Credit Points |
|---|---|---|---|---|---|
| **TRIMESTER 2, 2021** | | | | | |
| ICT167.3 | Principles of Computer Science | PASS | 50 | COMPLETED | 3.00 |
| ICT285.5 | Databases | ACADEMIC SAFETY NET | - | COMPLETED | 0.00 |
| ICT286.3 | Web and Mobile Computing | HIGH DISTINCTION | 85 | COMPLETED | 3.00 |
| **TRIMESTER 3, 2021** | | | | | |
| ICT288.5 | Virtual Realities and Games Software Design | CREDIT | 67 | COMPLETED | 3.00 |
| ICT375.3 | Advanced Web Programming | HIGH DISTINCTION | 89 | COMPLETED | 3.00 |
| **TRIMESTER 1, 2022** | | | | | |
| ICT376.5 | Mobile Application Development | PASS | 51 | COMPLETED | 3.00 |
| MSP100.3 | Career Learning: Managing Your Career | UNGRADED PASS | - | COMPLETED | 3.00 |
| **TRIMESTER 2, 2022** | | | | | |
| BSC203.4 | Introduction to ICT Research Methods | DISTINCTION | 70 | COMPLETED | 3.00 |
| COM202.4 | Content Creation | DISTINCTION | 73 | COMPLETED | 3.00 |
| COM203.4 | Consulting and Freelancing | DISTINCTION | 71 | COMPLETED | 3.00 |
| ICT284.5 | Systems Analysis and Design | DISTINCTION | 72 | COMPLETED | 3.00 |
| **TRIMESTER 3, 2022** | | | | | |
| ICT201.3 | Information Technology Project Management | CREDIT | 69 | COMPLETED | 3.00 |
| ICT285.6 | Databases | DISTINCTION | 77 | COMPLETED | 3.00 |
| ICT396.5 | User Interface Design | CREDIT | 68 | COMPLETED | 3.00 |
| **TRIMESTER 1, 2023** | | | | | |
| ICT302.5 | IT Professional Practice Project | DISTINCTION | 72 | COMPLETED | 3.00 |
| ICT367.6 | Virtual Realities and Games Software Production | HIGH DISTINCTION | 92 | COMPLETED | 3.00 |
| **TRIMESTER 2, 2023** | | | | | |
| ICT365.5 | Software Development Frameworks | CREDIT | 66 | COMPLETED | 3.00 |

| | Credit Points |
|---|---|
| TOTAL CREDIT POINTS ACHIEVED FOR COURSE (INCLUDING ADVANCED STANDING) | 72.00 |
| 1ST YEAR LEVEL | 30.00 |
| 2ND YEAR LEVEL | 24.00 |
| 3RD YEAR LEVEL | 18.00 |

**Specialisations**

GAMES SOFTWARE DESIGN AND PRODUCTION (MAJOR)

MOBILE AND WEB APPLICATION DEVELOPMENT (MAJOR)

SPINE

**Name:** Mr Tan Jing Ren
**ID Number:** 34309148

Signed: *[signature]*
**Professor Andrew Deeks | Vice Chancellor**

**BACHELOR OF INFORMATION TECHNOLOGY**
**CONFERRED ON 20/09/2023**

This qualification is recognised within the Australian Qualifications Framework

Please visit our website for information on the Grading Schema and GPA calculation for grades issued from 1 February 2023.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*END OF RECORD\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

# Certificate of Completion

This is to certify that Junior Tan successfully completed the Practical PHP: Master the Basics and Code Dynamic Websites online course on November 24, 2014

*Brad Hussey*

Brad Hussey, Instructor

&

udemy

Certificate no: UC-ZZI71B2R
Certificate url: ude.my/UC-ZZI71B2R

NEVER STOP LEARNING

# Certificate of Completion

This is to certify that Junior Tan successfully completed the Twitter Bootstrap Basics: Build Websites & Your Programming online course on December 28, 2014

*Brad Hussey*

Brad Hussey, Instructor

&

udemy

Certificate no: UC-UUL9MJPW
Certificate url: ude.my/UC-UUL9MJPW

NEVER STOP LEARNING

# TINFOTECH

# CERTIFICATE
## *of* ACCOMPLISHMENT

This certifies that

### TAN JING REN

*has successfully completed the*

## Advanced React.js Training

held on 24 September 2022

*Alfred Ang*

Dr. Alfred Ang
**Chief Training Officer**
Tertiary Infotech Pte Ltd

TERTIARY INFOTECH PTE LTD
Co. Reg. No:
201200696W

unstop

CODE GODA | agoda

# Certificate of Participation

This is to certify that
**Jing Ren Tan**

of **Murdoch University** has participated in the **Codegoda 2023** organised by
**Agoda**