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# Timothy Chew

## Generalist Developer

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### Skills

.NET Framework	Games Development	Python React.js
3D Animation	Git	ROS (Robot Operating System)
3D Modelling	Godot	SciPy
Agents	Google Cloud Platform	ScikitLearn
Agile Methodologies	Graphic Design	Search Engine Optimization (SEO)
Artificial Intelligence	HTML and CSS	SketchUp
Assembly	Ionic	Social Media
Amazon AWS/S3	Java	Software Architecture
Android Development	JavaScript	Software Design
Apache	JIRA	Software Engineering
ASP.NET	Leadership	Software Project Management
Augmented Reality (AR)	Linux Systems	Solidworks
C/C++	Livestreaming	SQL
C#	Management	Tensorflow
CAD Modelling	Matplotlib	Tutoring (Junior, Secondary, Tertiary)
Community Management	Machine Learning	Unity3D
Character Animation	Machine Vision	Unreal Engine
Character Design	Metalworking	VRChat SDK
Computer Software Training	Microcontrollers	Virtual Avatars
Customer Service	Microsoft Office	Visual Basic
Database Design	MongoDB	Video Editing
Django	Mono/Mono.NET	Video Post-production
Documentation	Node.js	Web Development
Electronics	Numpy	Woodworking
Entrepreneurship	OpenCV	WordPress
Film Production	Pandas	Xamarin
Game Design	Programming	

### Other Skills & Interests

*These are things I'm not 100% proficient at a work level yet, but am persuing and am able a little bit.*

Autism Psychology

General AI/Agents

Mechanical Engineering

Plastic Manufacturing

Security

### Languages

English, Detusch (German), 日本語 (Japanese), 中文 (Chinese)

### Work Experience

#### **Development Security Operations (DevSecOps Engineer)**

*Telstra Purple Pty. Ltd. (March 2021 - Present)*

*Current Position...*

#### **Freelance Developer**

*(No company) (Aug/Sep 2020, Dec/Jan 2020/2021, Apr/March 2021)*

- Developed a startup app with a Django API, Angular Frontend and Xmarin Native App
- Developed a game in Unity for Mobile with a ASP.NET Web Server and P2P Networking
- Developed a interactive viewer for Desktop/VR/AR/Mobile in Unity

- Covered Medabot-related Game News
  - Full Production with scripts and presentations
  - Handled all hosts, equipments and broadcasting
  - Virtual avatar made using custom machine vision stack in Unity
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### **Front-End Unity Developer**

*Bail! Enemy! Jet! (May 2018 - Feb 2019)*

- Developed apps using Unity3D
  - Worked with AR toolkits
  - Maintained and worked with Android native libraries
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### **Club Executive**

*Griffith Gamers' Society and Griffith University Mithril Hands (2017 - 2018)*

- Organised meet-ups and collaborated group events.
  - Kept vocal minorities behaved while maintaining an open, inclusive environment for all.
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### **Freelance Generalist**

*/r/slavelabour (Lots of small contracts, Apr 2017 - Mar 2018)*

- Programming Tutoring for theory, major languages and frameworks.
  - Various small programming jobs in a large variety of languages and frameworks.
  - Did general work in photography, graphics and video production.
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### **Web Developer and IT Support**

*Australia My Pty. Ltd. (Oct 2017 - Nov 2017)*

- Developed WordPress e-commerce websites integrating with Amazon and PayPal
  - Developed market research tools pulling data from Amazon and eBay
  - Handled IT issues such as malfunctioning software and computer setup
  - Provided leadership in security and operational problems within the company
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### **Student IT Support**

*Brisbane State High School*

- Taught students how to use their Windows computers and Apple iPads.
- Fixed low-level technical problems with Windows-based products
- Taught advanced usage of Windows-based products and software

## **Volunteer Experience**

### **Student Mentor (School of Information Communication Technology)**

*Griffith University (Feb 2019, Jul 2019)*

- Ran orientation activities.
  - Helped new students get to understand about uni life.
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### **O Week Leader**

*Griffith University (Feb 2019)*

- Guided new students around the university.
  - Helped students get to understand about uni life.
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### **Office Volunteer**

*Cancer Council Queensland (Jun 2015)*

- Just did office errands.

## **Education**

2017 - 2020

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**Brisbane State High School**

*Advanced Maths (Math C), Film, Information Technology and Biology*  
2012 - 2016

**Licenses and Certifications**

**Certification II in Active Volunteering**

Volunteering Queensland

*January 2016*

Credential ID: 2013932-7316-1237301

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**Blue Card**

Blue Card Services, Queensland

*April 2019*

Blue Card ID: 1812285 / 1