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Timothy Chew

Generalist Developer

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📍 Logan City, QLD

Skills

.NET Framework	Electronics	Programming
3D Animation	Entrepreneurship	Python
3D Modelling	Euphonium	React.js
3D Sculpting	Film Production	Recorder
Acoustica Mixcraft	Game Design	ROS (Robot Operating System)
Acting	Games Development	SciPy
Adobe Creative Suite	Git	ScikitLearn
Agents	Godot	Sculptris/Z-Brush
Agile Methodologies	Google Cloud Platform	Search Engine Optimization (SEO)
Amazon AWS/S3	Graphic Design	SketchUp
Android Development	HTML and CSS	Support Helpdesk
Apache	Industrial Tools	Support Management
ASP.NET	Ionic	Social Media
Artificial Intelligence	Java	Software Architecture
Assembly	JavaScript	Software Design
Autodesk Fusion360	JIRA	Software Engineering
Azure DevOps	Leadership	Software Project Management
Azure Pipelines	Linux Systems	Solidworks
Augmented Reality (AR)	Livestreaming	SQL/MySQL/Mongo (Databases)
Blender	Management	Tensorflow
C/C++	Machine Learning	Tutoring (Junior, Secondary, Tertiary)
C#	Machine Vision	Typescript
CAD Modelling	Metalworking	Unity3D
Certification and Compliance	Microcontrollers	Unreal Engine
Character Animation	Microsoft Azure	VRChat SDK
Character Design	Microsoft Office	Virtual Avatars
Content Management Systems	Mixed Reality (XR)	Visual Basic
Content Moderation	MongoDB	Visual Storytelling
Community Management	Mono/Mono.NET	Video Editing
Computer Software Training	Motion Graphics	Video Production
Crafts & Trades	MYOB Accounting Software	Video Post-production
Customer Service	NetSuite	Visual Effects
Database Design	Next.js	Voice Acting
Davinci Resolve	Node.js	Web Development
Data Analysis	Numpy	Woodworking
Data Engineering (I make pretty Spreadsheets and PowerPoints)	OpenAir	WordPress
	OpenCV	Xamarin
Data Visualization	Pandas	x86 Assembly
Digital/Virtual Production	Practical Effects	Zendesk
Django	Process Modelling	
Documentation		

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	Plastic Manufacturing	Security

Mechanical Engineering

Languages

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

Work Experience

Development Security Operations (DevSecOps Engineer)

Telstra Purple Pty. Ltd. (March 2021 - November 2024)

- Administered, assisted and developed tools/applications/products/plugins around the Microsoft Azure Active Directory/Entra ID
- Administered, assisted and developed applications on Azure DevOps, Azure Cloud, AWS, and using JIRA
- Administered and developed .NET/Web Applications
- Maintained and Produced Security/Architecture/Programming Standards and Documentation
- Administered and Maintained Helpdesk and also an above-and-beyond Helpdesk Monkey
- Communicated with Stakeholders (with some help) to convert business requirements into deliverables and actions

Co-Founder

Team PET (Jul 2017 - Present)

- Managed a community on Twitter, Facebook and Discord
- Developed a game in Unity, developing several low-level components running on PC (Win/Mac/Linux; hidden), iOS and Android
- Developed a backend using PHP (for user access), Node.js (for backend app services) and C++ (for client-to-client multiplayer networking)
- Worked with a team of 3D artists to bring the idea to life
- Steered and helmed the project with the other founder
- Managed legal, business and commissions (with the other founder)
- Created bespoke AI behavior and chatbot systems

Freelance Developer

(No company) (Aug/Sep 2020, Dec/Jan 2020/2021, Apr/March 2021, Feb/Mar 2024)

- 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
- Developed a VR visualizer and chat app for presenting a live geographical survey data

Twitch Streamer

(No company) (Dec 2020 - Feb 2021)

- 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
- Averaged 20 live viewers in prime-time

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

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.

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 langauges and frameworks.
- Did general work in photography, graphics and video production.

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

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.

O Week Leader
Griffith University (Feb 2019)

- Guided new students around the university.
- Helped students get to understand about uni life.

Office Volunteer
Cancer Council Queensland (Jun 2015)

- Just did office errands.

Education

Griffith University
Masters of Information Technology, maybe?
2025? - Present

Griffith University
Bachelor of Computer Science
2017 - 2020

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

Blue Card
Blue Card Services, Queensland
April 2019
Blue Card ID: 1812285 / 1

ITIL® Foundation: ITIL v4
PeopleCert / PageUpPepole
March 2024 to March 2027
Certificate ID: GR671634576TC