**Leonard McDonald**

Graduate Software Engineer

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***Education***

Bachelor of Information Technology, RMIT University Graduated in 2024

***Technologies & Tools & Skills***

C++ · Python · Java · C#

HTML · JavaScript · CSS · PHP · React · Redux

MySQL · PostgreSQL

Docker · Postman · PgAdmin4

Azure API · Boto3 · Git · Jira · Agile Methodologies

AWS - EC2 · Lambda · API Gateway · S3 · DynamoDB · Poly

***Projects***

**Product Tracking Reactive WebApp** – *RMIT Capstone Group Project · JavaScript · React · Redux · PostgreSQL*

Created a web crawler to track & chart product prices on retail sites over time. <https://youtu.be/ywq7_cqAu7Y>

**Live Lip Sync in Minecraft** (Python)  
Provisioned MediaPipe Face Mesh/Landmark technology and utilized Remote Console to send mouth shape information into a game application for real time lip sync.

**Language Translation program** (Python) – *Azure API · Machine Learning Models · Libraries*

Created a language translation program for 120 languages.

**TeamTrees MC / TeamSeas MC** (Java / McFunction)   
Custom server via Linux CLI in DigitalOcean (IaaS) running MCFunction Datapack Code creating a new game mode in Minecraft, directly linked to the TeamTrees and TeamSeas charity donation pages.

***Work Experience***

Woolworths Group, Melbourne CBD, VIC 2019 - Present

Fresh Department – *Multiple Roles & Barista maintaining customer satisfaction.*

Vatos Restaurant, Itaewon, Seoul, South Korea 2018

Floor Staff – *Server working in a diverse multilingual environment.*

CamFix/Domaine, Tewantin, QLD 2017

Various contracted handyman and landscaping jobs– *primarily for senior citizens*

Helens English School, Sumida-ku, Tokyo, Japan 2016 - 2017

English Teacher – *IELTS prep, Business English*

Freelance Video Editor (Premier Pro 2021, Davinci Resolve) Various