

Tony Lawrie

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Key skills

- Strong problem solving
- Logical thinker
- Attention to detail
- Good work ethic
- Creativity
- Ambition
- Knowledge in computer hardware
- Cam/cad experience

Currently working towards:

- **New Zealand Certificate in Information Technology** (Level 5) 2021 - 2022
- **New Zealand Diploma in Web Development and Design** (Level 5). 2022

New Zealand Open Polytechnic.

Summary

I'm a self-motivated CAD detailer and Joiner at a mid-sized joinery company. I have a real drive for anything IT and am undertaking numerous courses and studies whilst I pursue a career change into this field. Problem-solving is an aspect of IT that I enjoy and thrive in, and I am aiming long-term for a career in software and web development or security.

Education

About these qualifications:

- Provides personal and interpersonal skills, knowledge of the legal, ethical, and socially responsible practices.
- Develops the skill and techniques required for problem-solving, for using an appropriately designed application, and for designing interactive applications.
- Knowledge and skills required to support and enhance organizational processes and systems.
- Knowledge and skills required to write and maintain programs using design patterns, data structures, and algorithms to meet specifications. Apply appropriate quality assurance and maintenance techniques.
- Knowledge and skills required to determine client requirements and to prepare and present solutions.
- Knowledge and skills required to develop client-side and server-side web-based applications using current software development standards.

The certificate will be complete in June 2022 and the diploma will be complete in October 2022.

Achieved:

The Web Developer Bootcamp 2022

<https://www.udemy.com/course/the-web-developer-bootcamp/>
Udemy.

Yelp-Camp Repository:



Url: <https://shielded-river-13246.herokuapp.com/>

The ultimate Mysql Bootcamp

Udemy

<https://www.udemy.com/course/the-ultimate-mysql-bootcamp-go-from-sql-beginner-to-expert/>

About this qualification:

- HTML5 and CSS basics
- CSS Frameworks (Bootstrap, Bulma)
- Flexbox and responsive design
- JavaScript and Asynchronous JavaScript
- Dom Manipulation
- Node JS and ExpressJS
- Restful API
- Mongoose DB
- Cookies and Sessions
- Common Security issues – SQL Injections, XSS
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This Course Covers everything needed to be able to design, build and deploy Web applications and culminates in deploying a Yelp inspired campground review application called Yelp-Camp. Yelp camp uses NodeJs, Express, HTML Templating, Express Routing, Restful API, Mongo DB, Authentication, Authorization, Maintenance, and Deployment.

About this qualification:

- Learn the ins and outs of SQL syntax
- Generate reports using sales and user data
- Analyse data using Aggregate Functions
- Run complex queries using MySQL logical operators and string functions
- Write all the common SQL joins
- Work with large datasets containing thousands of entries
- Build a web app using MySQL and NodeJS
- Design and implement complex database schemas
- Learn to navigate the treacherous world of storing dates and times
- Clone the database structure of a photo-sharing social network
- Write JavaScript code to generate fake data sets

Career history

Joinery Detailer at Black Label Furniture and Kitchens

Jan 2017 - Current

I take plans from design to production using cad software to produce working drawings and machine code.

Key responsibilities

- Liaise with designers and architects to ensure plans are accurate and will work in the given situation,
- Prepare plans and create machine code for manufacture,
- Order materials,
- Ensure the continued operation of machinery,
- Provide leadership and guidance for workshop team while completing core tasks,
- Manufacture and install joinery.

Achievements

- Developed and implemented the processes for CNC Programming through to Cutting,
- Developed construction methods and processes for a large range of furniture crucial to the success of the organization,
- Quickly adapted changes to an established library of products
- Self-taught in CAD/CAM software