

Thomas Tayler

Bachelor of Engineering (Hons, Software major) AUT
Available for immediate start

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WORK EXPERIENCE

Live for Tomorrow, Auckland— *Software Engineering Intern*

Feb 2020 – March 2020, Oct 2020 - Present

Prototyping a crowd-sourced Helpline Finder website. Giving users, wherever they are in the world, access to the right helpline support for them as quickly as possible. Main objectives include speed, ease of use, and providing appropriate information are high priorities.

Tech: React.js, Typescript, CSS, Vercel, Next.js, GitHub, Storybook, Adobe XD, InVision

Tandem Ministries NZ, Auckland— *Digital Strategies Intern*

March 2020 – Nov 2020

Create and implement digital tools to further the mission of Tandem Ministries by creating and editing content for Tandem digital assets, Web and graphic design for Tandem digital assets.

Tech: HTML, CSS, JavaScript, Adobe Experience Manager

TnT SOFTWARE, Auckland— *Junior Software developer*

Sep 2017 – Dec 2019

Develop, create, and modify an inventory management and recording software for a plant nursery. Web development of company website.

Tech: Ruby on rails, Heroku, Git, GitHub, Rollbar, Postgres, Postico

RELEVANT/PERSONAL PROJECTS

Production planning and recording tool (TnT Software) - *Plant Nursery*

Design and develop web application to record and predict:

Percentage survival, Grade plants, Time to maturity depending on current season, Space taken up per crop, Plants sold, Locations calculated by number of trays they fit.

Non-intrusive surveillance system for smart healthcare homes (AUT and Uni-Orange Design Co Ltd) - *Industry Project*

Developing and evaluating a system prototype for device-free indoor localisation and tracking of multiple people. Using passive infrared sensors to track elderly inside their retirement rooms. Resulting grade, A+

TECHNOLOGIES AND LANGUAGES

- Ruby on Rails
- React.js
- Typescript
- Java
- Git & GitHub
- SQL (PostgreSQL)
- Html
- CSS
- JavaScript
- C/C++
- Adobe XD
- InVision

SKILLS

- Agile and scrum methodology
- Object-oriented programming
- Wireframing
- Data Design
- Requirements & Scope Analysis

OTHER INTERESTS

- AI and Machine Learning
- Encryption
- Learning new skills
- Field hockey
- Cycling
- Cooking
- Optimisation
- Coffee
- How things work

EDUCATION

Auckland University of Technology, BE(*Hons*)

Feb 2016 – July 2020

Graduand 2020 Software engineering student.

University Club Involvements

Auckland Student Life

Treasurer and Committed Student Leader – Attend AGM and give financial report. Lead and prepare weekly bible study groups, attend weekly leadership group, be an example to other members, one on one mentoring, Time management, Communication

ASE (AUT Student Engineers)

Member – Attend AGMs, attend events with students of other engineering specialisations.