

ARTI SUKASEM



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SUMMARY

I am currently working as a software developer at Auckland Bioengineering Institute, New Zealand. I am studying a full stack web development course, ISTQB certified tester foundation level (CTFL) and agile project management foundation.

I am looking for the right opportunity to bring my coding skills into a world-class organisation where I can continue to grow my knowledge in this exciting space.

EDUCATION

Agile Project Management Foundation | 2022

ISTQB Certified Tester Foundation Level (CTFL) | 2022

Master of Engineering - specialised in bioengineering | 2019
Auckland Bioengineering Institute, Auckland, New Zealand

Bachelor of Engineer (Hons) (Biomedical Engineering) | 2018
The University Of Auckland, Auckland, New Zealand

St. John College, Hamilton, New Zealand | 2014

LANGUAGES

- English
(Professional working proficiency)
- Thai (Full professional proficiency)

CORE SKILLS

- Matlab
- C/C++
- HTML/CSS
- Java Script
- Python
- Data processing / analysis
- GitHub
- Node JS

WORK HISTORY

Software developer @ Auckland Bioengineering Institute | 2020- Present

- Designed a 3D finite element modelling of anatomy for internal organs (i.e. airway, brainstem, lungs, uterus) using Python.
- Processed the image data, allowing geometric fits in the scaffolds to the 3D data clouds.
- Analysed the geometrically fitted results using Principal Component Analysis (PCA).
- Tested the organisation software and its plugins (such as mapclient, scaffoldmaker, scaffoldfitter, etc.)
- Cooperated with other institutes in U.S.

ADDITIONAL EXPERIENCE

Internship @ Auckland Bioengineering Institute | 2019

- Conducted animal studies to investigate the biosignal of the stomach
- Signal processing
- Data processing / analysis

REFERENCE

Assoc. Prof. Peng Du
Project supervisor at ABI

Dr. David Nickson
Line manager

Dana Felbab
Project manager

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