KEVIN TANG

kevin.tang2648@gmail.com • www.linkedin.com/in/kevintangnzl • kevtang.me

EDUCATION

The University of Auckland
BE(Hons) in Electrical and Electronic Engineering   Estimated Feb 2021

PROJECTS

Punch Activated Water Gun   Jun 2018 – Jan 2019
- Adapted a punch activated water gun project to fit current project
- Designed the PCB on Altium Designer
- Created C code to process the water gun

Wireless Energy Monitor   July 2018 – Oct 2018
- Programmed the CPLD with VHDL to display values and units
- Programmed the microcontroller with C to transmit via UART

Personal Website   July 2018
- Proficient in HTML + CSS
- Designed a personal portfolio website

TECHNICAL SKILLS

Programming Languages: C, C++, HTML+CSS, LaTeX, MATLAB, VHDL

Software Knowledge: Altium Designer, Arduino IDE, Atmel Studio, Creo, LTSpice

Hardware Knowledge: Microcontrollers, Oscilloscope and Waveform Machines

WORK AND VOLUNTEER EXPERIENCE

ICEIC Conference Volunteer   Jan 2019

Countdown Manukau – Checkout Operator/Trundler Collector   2017 – 2018
- Assisted customers in finding products resulting in excellent customer feedback
- Taught new employees how to push trundlers efficiently and operate the checkout machines
- Completed New Zealand Certificate in Retail – Level 2

AFFILIATIONS

- Student member of the Institute of Electrical and Electronics Engineers (IEEE)
- Student member of Engineering New Zealand
- Member of Auckland University Engineering Society (AUES)
- Member of University of Auckland IEEE Student Branch