

KEVIN TANG

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EDUCATION

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

PROJECTS

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

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

<i>Personal Website</i>	July 2018
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- 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

<i>University of Auckland UniGuide</i>	Semester One 2019
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<i>ICEIC Conference Volunteer</i>	Jan 2019
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<i>Countdown Manukau – Checkout Operator/Trundler Collector</i>	2017 – 2018
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- 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

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- 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