# Tsao-Lun (Arlen) Chen

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## EDUCATION

**National Taiwan University of Science and Technology**  Taipei, Taiwan
*Master of Electronic Engineering*  *Sep 2020-Present*

**Yuan Ze University**  Taoyuan, Taiwan
*Bachelor of Electronic Engineering*  *Sep 2016-June 2020*

## EXPERIENCE

**Student Inter**  May 2019 – Oct 2019
*Industrial Technology Research Institute*  *Hsinchu, Taiwan*
- Digital IC design

## COMMUNITY & LEADERSHIP

**Role 1**  November 2021 – Present
*Club/Organization 1*  *Melbourne, VIC*
- Job description/Award/Achievement 1
- Job description/Award/Achievement 2
- Job description/Award/Achievement 3

**Role 2**  November 2021 – Present
*Club/Organization 2*  *Melbourne, VIC*
- Job description/Award/Achievement 1
- Job description/Award/Achievement 2
- Job description/Award/Achievement 3

## PROJECTS

**Image Denoise** | *Pytorch*  Nov 2020 – Jan 2021
- Remove the mixed noise (AWGN, SPIN, RVIN)
- GAN based-model
- Result: PSNR=69.36; SSIM=0.746

**CycleGAN-Male2Female** | *Pytorch*  Dec 2020 – Dec 2020
- GAN based-model

**OPG Decomposition** | *Pytorch*  Oct 2021 – Present
- Decomposition the Tooth Orthopantomography

**Music Generator** | *Pytorch*  Oct 2021 – Present
- Decomposition the Tooth Orthopantomography

## TECHNICAL SKILLS

**Programming Language**: Python, C/C++, R, Hspice
**Domain Expertise**: Computer Vision, Zero-shot learning, Deep Learning on Medical Image, VLSI