

# Owen Santoso

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Perth, Australia

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## EDUCATION

### The University of Western Australia

2018 – 2023 (est.)

*Master of Professional Engineering, Electrical and Electronic Engineering*

*Crawley, WA*

- 7.0/7.0 GPA | 87.0 WAM
- UWA Engineering Scholarship
- Competed in WA Volleyball League as a member of the UWA Volleyball Club

*Bachelor of Philosophy (First Class Hons), Engineering and Computer Science*

*Crawley, WA*

- 6.9/7.0 GPA | 86.7 WAM
- Studied abroad in Nishinomiya, Japan at Kwansei Gakuin University
- Research thesis explored implementing deep learning AI for audio super-resolution

### All Saints' College

2015 – 2017

*Australian Tertiary Admission Rank (ATAR) of 99.65*

*Bull Creek, WA*

- WACE Certificate of Distinction, Academic and Music scholarship
- Studied abroad in Tokyo, Japan at Josai Senior High School

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## EXPERIENCE

### Jacobs

Nov. 2022 – Present

*Electrical Engineering Intern | Building Services*

*Perth, WA*

- Developed lighting contactor schedule with Excel including over 50 LV circuits
- Produced single line diagrams in Bluebeam Revu and PowerCAD5
- Created power cable schedule using PowerCAD5, calculating cable sizing based on load
- Applied red-line markups to official schematics utilizing Revit

### Exida

Nov. 2021 – Feb. 2022

*Internship | Risk*

*Perth, WA*

- Supported development of electrical safety training for Rio Tinto, following IEC 61508 and IEC 61511 standards
- Enhanced safety training material by redesigning presentation slide graphics
- Streamlined safety certificate creation process through Python automation

### UWA Young Engineers (UWAYE)

Jun. 2019 - Present

*Project Lead & Digital Team*

*Crawley, WA*

- Project lead for a case study with Calibre hosting 50 students and 5 representatives
- Organise events to facilitate the professional development of EMS students
- Design marketing material and schedule for events, reaching over 1000 students

### TSG Coolbellup Deli

Dec. 2015 – Present

*Assistant Manager*

*Coolbellup, WA*

- Manage ~150 company invoices a year to send to third party accountant
- Introduced new employee clock-in system increasing efficiency by over 100%

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## SKILLS, ACHIEVEMENTS & INTERESTS

- **Skills:** Python; Matlab; Tensorflow; Java; C; SQL; MS Excel; Data Visualization; Machine Learning; Customer Service
- **Personal Achievements:** N4 in Japanese Language Proficiency; AMEB Piano Grade 8
- **Interests:** Japanese; Piano; Badminton; Volleyball; Consumer Technology