

#### Qualifications

- Bachelor of Electronic and Computing Engineering with Honours (2018)

#### Affiliations

- Member of the Acoustical Society of New Zealand (MASNZ)
- NZ Site Safe Consultant's Passport
- Emerging Professional member of Engineering New Zealand (formerly Institution of Professional Engineers New Zealand)

Gene joined the AES team in March 2019, completing his degree in Electronics and Computing Engineering the previous year. Gene is also an experienced live sound and audio-visual technician, and brings this unique knowledge to the acoustics field.



During his studies, Gene was involved with several electronic communication design projects, including his Honours research project combining machine learning with wireless network information to determine the location of users within an environment.

Since joining the team Gene has been involved with a variety of projects including assessments of compliance with Auckland Unitary Plan and other District Plans, field testing of acoustic performance for apartment developments, construction noise assessments, internal acoustic environment calculations, NZBC G.06 compliance reviews, and environmental noise assessments.

Gene is trained in the use of industry standard modelling and analytical software, and has experience with testing equipment and methodology in accordance with NZS 6801:2008 and NZS 6802:2008.

### Recent projects - Building

- The Grounds Hobsonville, Auckland, NZBC G.06 compliance testing
- Scenic Hotel Queen Street, Auckland, Internal acoustic environment and AUP compliance
- Yaldhurst Park subdivision, Christchurch, Traffic noise intrusion
- Preston Downs subdivision, Christchurch, Aircraft noise intrusion
- CDHB Acute Services Building, Christchurch, Verification testing of wall systems
- Redwood School, Christchurch, Design review
- Lakeview Gardens Hotel, Queenstown, NZBC G.06 review

### Recent projects - Other

- Air New Zealand Hangar 4, Auckland, Mechanical plant noise testing
- Canterbury Dried Foods, Ashburton, Mechanical plant noise testing

### Recent projects - Environmental

- Papanui Road Preschool, Christchurch, Assessment of Environmental Noise Effects
- Our Place Whatawhata Community Centre, Waikato, Assessment of Environmental Noise Effects
- Housing New Zealand Leone Martin Residential Development, Auckland, Assessment of Construction Noise Effects
- Appleby Volunteer Fire Station, Nelson Lakes, Assessment of Environmental Noise Effects



Pictured: Lakeview Gardens Hotel, Queenstown