

Curriculum Vitae – Peter Mcilwain

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Professional summary

Extensive and diverse experience in creative arts, research and education. High level expertise in computer based art practice in both sound and graphics. Peter's career is characterised by a unique ability to take on novel problems, finding creative and original solutions that incorporate sophisticated technology. He also has extensive experience in collaborative project management in creative and research contexts. His work has been recognised in national and international awards including the 2012 Eureka Prize for contributions to Computer Science for his work in computer software.

General Experience and Expertise

- Composer specialising in: orchestral music, electronic music and computer generated music.
- Sound design for installations for museums, theatre productions, film and live music performance.
- Academic Researcher in digital art practice including software process and design
- Broad experience in the use of multimedia applications including web design
- Visual artist focusing on works for galleries and public art
- Graphic designer

Technical Skills

- Expert in audio software and programming specifically: Logic Pro, Max MSP, Pure Data and various scripting languages (including Open GL Audio).
- Advanced to Intermediate programming skills in visual aspects of Java, JavaScript, C++ and SQL data-basing and web programming (HTML, PHP and CSS).
- Advanced to Intermediate graphic skills in: Illustrator, Photoshop and Blender (3d modelling and animation)
- Intermediate skills in painting, drawing and printmaking.
- Advanced skills in audio engineering.

Qualifications

- Masters degree in Music Composition (by research) at the University of Adelaide.
- First Class Honours Degree, Bachelor of Music in Composition at the University of Adelaide.
- Graduate Certificate of Higher Education, Monash University: Modules 1 – 3
- TAE40110 Certificate IV in Training and Assessment, NMIT
- Current Working With Children Check and Current Drivers licence.

Awards

- Yering Sculpture Award 2023 for Bird Child Spirit (sound installation)
- Co-recipient of a 2012 Eureka Prize of Science for Innovations in Computer Science for the Nodal music software project.
- Ars Nova International Competition of Electro-acoustic Music: Honourable Mention.
- ABCFM Computer Music Awards.

Employment

- 2019 - Present : Freelance artist
- 2014-19: Part-time Lecturer/Teacher RMIT University, Melbourne Polytechnic, sound design & composition.
- 2013: Freelance composer & Part-time Lecturer/Teacher NMIT & Lecturer Coll Arts, Sound Production.
- 2011- 2012: Freelance composer, Casual Lecturer/Teacher Box Hill Institute, NMIT, Melbourne Conservatorium of Music. Casual Researcher Griffith University
- 1998 - 2011: Appointed as Lecturer in Composition and Music Technology, School of Music – Conservatorium, Monash University. In this role, research activities were conducted as part of the ground-breaking Centre for Electronic Media Arts.

Community Work

- Member of the the Hills Community Recovery Committee - Yarra Ranges Council
- Member of the Birdsland Interest Group
- Former executive member of the Australasian Computer Music Association (including 5 years as President).

Referees

Associate Professor Alan Dorin
 Faculty of Information Technology, Monash University
 Email: Alan.Dorin@monash.edu.au
 Phone: 03 990 53576
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Anna Reid
 Cultural Development Officer, Yarra Ranges Council
 9294 6670 / 0437 270 701
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Artistic Activities

Public Art Commissions/Grants

- Bird Child Spirit - South Side Festival commission 2024
- Lung Trees - Nature Festival Adelaide Botanic Gardens - Oct 2023

- Many Dances - City of Wagga Wagga for the Festival of W - July 2023
- Lung Trees - Burrinja Climate Change Biennale - Jan-Feb 2023
- Bird Child Spirit - four sound and visual installations with community engagement Yarra Ranges Council 2022 - 23
- Pathmarker Birds: for the Ridgewalk Project (Yarra Ranges Council) 2022
- Artwork for Parklet - Yarra Ranges Council 2021

Acquisitions

- Birdsland Series - 9 linocut prints acquired by Yarra Ranges Regional Museum 2021

Solo Exhibitions

- Birdsland Picnic Ground 2020 - funded by Yarra Ranges Council
- Montsalvat Gallery 2019
- Memo Gallery 2018

Group Exhibitions

- Linden Gallery Postcard Exhibition 2020
- Montsalvat Bush Fire Relief Exhibition 2020
- Black Cat Gallery 2020

Multimedia Installations

- VAULT : The NonStop Performing History of Circus Oz, Melbourne Festival 2014, commission for sound design and software programming.
- Imaginary Ornithology commission via Arts Victoria grant for Burrinja, Upwey Australia, 2012-13.
- Codeform commission from Jon McCormack via Ars Electronica, computer generated audiovisual work, Linz Austria, 2012.
- Eyes on Earth commission from Science Works Museum for a 16 channel sound design, with stereographic computer generated animation 2007
- Zoom In Close Up commission from Melbourne Museum for a 32 channel sound design, with stereographic photography 2006.
- The Deep commission from Melbourne Museum for a 32 channel sound design, with stereographic computer generated animation 2006.

Abridged Musical Activity

- A-Kuridi commission from Monash Countrylines Archive, sound design and composition for computer animation film, Melbourne, 2012-13.
- Fly Circuit commission from Högskolan för scen och musik, Goteborg, Sweden 2011.
- Sub for 8 channels, Music in the Round Festival, 2009, Australasian Computer Music Conference 2008, (5.1 DVD), in The Anthology of Computer Music 2010 by the Computer Music Journal, MIT Press.
- Sound design, programming and live signal processing for Eight Songs for a Mad King, Music in the Round Festival, 2008.

- Instrument Landscape # 3 (5.1 DVD), in The International Computer Music Conference 2006 by the International Computer Music Association, also performed live at the ICMC USA, Ars Nova Awards - Czech Republic, Sweden, and at the Australasian Computer Music Conference 2008. Received a Honourable Mention in the International Ars Nova Awards also published on CD UnFenced 2007 by the Australasian Computer Music Association.