

CHARLIE HOOPER-WILLIAMS

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DISCOGRAPHY

2025	<i>The Book of Fixed Stars</i> (LP, The Way Beyond Music — forthcoming)
2024	<i>Say You're With Me</i> (Solo Piano Versions) (self-released EP)
2023	<i>And You Were: Say You're With Me Reworked</i> (reworks album)
2022	<i>Say You're With Me</i> (self-released LP)
2019	<i>The Sea Was Never Blue</i> (self-released LP, debuted at #2 on iTunes Classical chart)
2015	<i>Larkhall</i> (self-released EP)

MAJOR PERFORMANCES

2024	Battersea Park Fireworks, London (headline audiovisual performance for audiences of 50,000 each night) Glastonbury Festival, Sunny's Stage
2022–25	UK science and arts festivals including British Science Festival, Northern Ireland Science Festival, Festival of Tomorrow, and Festival of Imagination.
2022	St George's Bristol (Main Hall)
2019	TEDxBath (piano + live visuals performance)

AWARDS

2024	<i>MyWorld</i> Fellowship Project Grant, Arts Council England PRS Foundation <i>Early Career Promoters' Fund</i>
2022	<i>Creative Business Growth Fund</i> , West England Combined Authority
2021	<i>CreaTech 100 Ones to Watch</i> , UK Creative Industries Council <i>Do It Differently</i> fund, Help Musicians UK <i>Developing Your Creative Practice</i> (DYCP), Arts Council England <i>Creative Freelance Fund</i> , UK Research and Innovation (UKRI) <i>Recovery Fund</i> , The Studio at Palace Yard Mews, Bath Spa University
2019	Project Grant, Arts Council England
2012	<i>Rising Star</i> award, Cambridge University's <i>Festival of Ideas</i>
2010	Cultural knighthood <i>Ritari Hyvämielksi</i> (Finland)
2001	Jury prize for performance of new music, 2nd Shostakovich International Piano Competition (St. Petersburg, Russia)

ACADEMIA

2012	University of Cambridge	MPhil (Distinction), Centre for Music and Science
2006–10	Columbia College (Chicago)	Lecturer, MFA Music Composition for the Screen
2001–03	Northwestern University (USA)	Faculty, School of Music
2001	Northwestern University (USA)	Bachelor of Music, Piano Performance

SPEAKING

2019	<i>How I see music using code</i>	TEDxBath
2018	<i>Biomimetic Electronics</i> , Computational Neuroscience Unit <i>Never give up on quitting</i> <i>Biomimetic Electronics</i>	University of Bristol TEDxWageningenUniversity Pervasive Media Studio (Bristol)
2017	<i>Public-key encryption explained</i>	QTalks (Bath)
2015	<i>Tips for the Ethical Time Traveler</i>	Bath Skeptics

2014	<i>Si! Si! Si! How the leading tone creates desire in music</i>	QTalks (Bath)
	<i>Our Music Reflects the Reality We Expect</i>	QTalks (Bath)
2013	<i>Sing for the Win: A ludic, immersive approach to teaching musicality</i>	musicLearningLive (Singapore)
2012	<i>Embodied Musical Gesture as a Game Controller</i>	ICMPC/ESCOM
	<i>A Digital Game-Based Model for Learning Musicality</i>	Anglia Ruskin (Cambridge)

RESIDENCIES

2021	Britten-Pears Arts
2020	The Studio at Palace Yard Mews, Bath Spa University
2018	Wageningen University & Research (Netherlands)
	MusicTechFest Labs (Stockholm)
2017	Smedbyn (Jönköping, Sweden)
2011	Pervasive Media Studio (Bristol)
2010	Arteles (Haukijärvi, Finland)
	Díónýsía (Bíldudalur, Iceland)
	Britten-Pears Centre: New Music New Media (Aldeburgh)
2009	MusicX (Switzerland)
2002	Aspen Music Festival (USA)

OUTREACH & TEACHING

2021—	Creative coding workshops (various venues)
2019-20	Creative-coding workshops, Knowle West Media Centre (Bristol)
2014-15	<i>CodeFirst:Girls</i> instructor for university-enrolled women interested in learning to code (Bath)

OTHER EXPERIENCE

2018	Developer, <i>Here I am here I am</i> (Synthetic community #1) Mesh-networked microcontrollers on exposed custom circuit boards. Boards communicate via light signals, resulting in emergent group behaviour as seen in cell colonies, forests, and human social networks. Supported by funding from and developed in collaboration with scientists at Wageningen University (NL).
2012-14	iOS Developer, <i>Shazam</i> Developer on world's leading music and television recognition app. Sole developer for "listening" animations. Later acquired by Apple, during my time there the app garnered a ★★★★★½ user rating and over 250 million downloads.
2010-11	Developer, <i>SingSmash</i> iPhone/iPad game controlled by live singing input. Featured in BBC Music Magazine, Classic FM and on ITV; ★★★★★½ rating and enthusiastic user base
2010	Composer/programmer, <i>e to one million places</i> Composition for live, prerecorded and generative video, electronics and piano. Written at Britten/Pears Foundation's New Music/New Media residency under Tod Machover (MIT Media Lab). Performed at King's Place, Hall One (London) and Faster than Sound at TEDxAldeburgh.