Sam Bilbow

PROFILE

24 year old creative programmer from Hong Kong living in Brighton, Currently a PhD student at the University of Sussex, studying computational art, augmented reality, and multisensory displays for human-computer interaction.

CONTACT

+44 (0) 7403768736

smb44@sussex.ac.uk

samuel.bilbow@icloud.com

www.sambilbow.com

@sambilbow

SKILLS

Logic Pro X

Unity3D

Max MSP

Instrument Building

WORK EXPERIENCE

JUNIOR RESEARCH ASSOCIATE
UNIVERSITY OF SUSSEX
June 2017 – September 2017

Being awarded a place as a Junior Research Associate at the University of Sussex gave me the opportunity to learn more about the post-graduate workflow, and inform my decision to apply for a PhD at Sussex. My research in the JRA scheme involved working with Dr. Chris Kiefer and Dr. Alice Eldridge on Syncphonia which is part of NETEM - (Networking Technology and the Experience of Ensemble Music Making). I engaged in autoethnographical research to see if the app could train my rhythm accuracy as well as that of a group of non-musicians by modifying my GloveDuino (see next page) into a rhythm accuracy device using Max MSP.

EDUCATION

AR, COMPUTATIONAL & SOUND ART (PhD)
UNIVERSITY OF SUSSEX, UK
September 2019 – Present

There has been a surge in the development of augmented reality (AR) due to its growing implementation in consumer technologies. However, development has mainly focused on augmenting the visual sense, which has led to a relatively under-explored area - multisensory AR. This research project will investigate the impact on perception and expression, both individual and shared, when using AR technology as medium for creating interactive multi-sensory art. The aim of my research is to support computational artists by developing a deeper understanding of the materiality of this medium.

MUSIC AND SONIC MEDIA (MA)
UNIVERSITY OF SUSSEX, UK
September 2018 – September 2019

Graduated with Distinction

MUSIC TECHNOLOGY (BA)
UNIVERSITY OF SUSSEX, UK
September 2015 – June 2018

Graduated with First Class Honors

INTERNATIONAL BACCALAUREATE (IB)
SHATIN COLLEGE, HONG KONG
August 2013 – August 2015

*Graduated with 34 points
Higher: Music, Physics, Economics.
Standard: English, Mathematics, Japanese.
Essay in Physics: "Exploring Transmission Media"*

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SKILLS

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AWARDS & SCHOLARSHIPS

LEVERHULME DOCTORAL SCHOLARSHIP
PHD MUSIC
SUMMER 2019 - (Tuition & Stipend)

SUSSEX GRADUATE SCHOLARSHIP
MA MUSIC AND SONIC MEDIA
AUTUMN 2018 - (£5,000)

BEST OVERALL PERFORMANCE AWARD
BA MUSIC TECHNOLOGY
SUMMER 2018

JUNIOR RESERACH ASSOCIATE AWARD
SUMMER 2017 (£1,600)