



ALAN RYAN, Ph.D

### ABOUT ME

I'm dedicated to producing the best results possible, and have a critical eye for detail. I am passionate about the power of education. My research focus is Design Education.

### CONTACT ME



alan.t.ryan@ul.ie



+353-833851010



www.interactional.org

### SKILLS

- Interaction Design
- Video Production
- Photography
- Video, Stills & Stage Lighting
- Pedagogic Theory & Practice
- Syllabus Design
- Desk & Field Research
- Discrete & Arduino Electronics
- Programming: Java & Processing

### SOFTWARE

- Adobe Photoshop
- Adobe Illustrator
- Adobe Premiere
- Adobe After Effects
- Microsoft Office Suite



## WORK EXPERIENCE

2013-2021

### Guest Lectures

I have given lectures for the UL modules CS4031, CS4358, CS4061, CS4072, CS6041 & BR4041.

2019-2021

### Teaching Assistant

I conducted the Java & Processing programming labs for the Computer Science Common Entry students (CS4141, CS4222, CS4061 & CS4072).

2019-2021

### DLSH Content Creator

I created the instructional videos for the coding languages Java & Processing, as part of UL's DLSH online instruction program.

2012-2020

### Module Leader and/or Teaching Assistant

Module Leader for "Introduction to Digital Media (CS4031)" in 2014 & 2016, TA between 2012-2018. TA for "Interactive Multimedia (CS4358)", 2015-2020.

2015-2016

### Research Assistant

I worked on resolving a long-standing UX issue for a major peripheral designer.

2005-2019

### Adobe Suite Instructor

I designed and delivered the Photoshop, Illustrator and Video Production/Premiere courses in LCFE.

2002-2013

### Video Editor/Composer/AV Producer

I have produced print and screen media for sports events/broadcasting, industrial visualisations, and managed the AV requirements for conferences.

1993-2009

### Professional Musician/Instructor

I played guitar/sang in a variety of cover/original bands, and taught guitar and music theory both privately and in schools.



## EDUCATION

2015-2020

### PhD by Research

Thesis: Thinking with your Hands: Tacit Problem Reframing with Interaction Design Students.

**Award:** Doctor of Philosophy

2010-2014

### Digital Media Design

Course Content: Interaction Design, Audio & Video Editing, Design Research Methodologies, Human Computer Interaction.

**Award:** First Class Honours Degree, B.Sc

1999-2000

### Electronic Servicing

Course Content: Circuit design, analog & digital electronics, transistors, op-amps, fault finding, diagnosis and repair.

**Award:** City & Guilds Electronic Servicing 1 & 2