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Cárthach Ó Nuanáin

EDUCATION

2009
TRINITY COLLEGE DUBLIN
M.Phil in Music & Media Technologies – 1st Class Honours
Thesis Title: “The ReacTable Tangible User Interface as a Platform for Real-time Algorithmic Composition”

2007
UNIVERSITY COLLEGE CORK
BSc in Computer Science - 1st Class Honours
Awards: Twice awarded title of “College Scholar” by scholarship board.

SKILLS

Software and Technologies:

Audio: ProTools, Logic, Cubase/Nuendo, Ableton, Reason
Design: Adobe Premiere Pro, Photoshop, Fireworks, Dreamweaver
Programming Languages: Java, C/C++, Objective-C (iPhone SDK)
Max/MSP, PD, Processing, Csound, Javascript, HTML, SQL, Perl, PHP, Python, Tcl/Tk, XML, XSL and Related Technologies, DOM, Ajax, CSS
Operating Systems: UNIX (Mac OS X and Solaris), Linux (Ubuntu and RedHat), Microsoft Windows

Industry Certifications:

Adobe Certified Associate in Flash CS4
Digidesign Pro Tools 101 & 110 – Introduction & Essentials

EMPLOYMENT

October 2009 to Present
PULSE RECORDING COLLEGE, DUBLIN
Part-time Lecturer in Game Development

- Assisted in the creation of a FETAC approved diploma in Game Analysis and Design
- Currently teaching the Introduction to Programming for Interactive Applications portion of the course.

2003 - 2009
CHRISTIAN BROTHERS COLLEGE, CORK
Systems Administrator

- Managed a busy network of over 100 desktops, laptops and servers using Windows 2000/2003/2008 Servers and Vista/XP clients.
- Implemented an automated ECDL Test Centre, which improved education and efficiency.

Summer 2007 and 2008
ANALOG DEVICES, LIMERICK

Contract Software Engineer

- Designed, developed and deployed the Correlation Tool, a software tool for the yield analysis of semiconductor devices.
- Supported hundreds of engineers worldwide using the software at internal sites.

2005

UNIVERSITY COLLEGE CORK

Computer Science Lab Tutor

- Supervised lab sessions for 1st years in Internet Computing.

**OTHER SKILLS
AND INTERESTS**

Music:

- Compose and record electro-acoustic music.
- Provide private tuition for individuals and groups in all styles of guitar and music technology.

Languages:

- Intermediate level French.
- Lifelong fluent speaker of Irish.

Charitable Activities:

- Music recording and concert performances for the Zambia Immersion Project and the Belarusian Orphan Fund.
- Assist the Chernobyl Children's Project with their I.T. requirements.

Drivers License:

- Full Drivers License holder

REFERENCES

University College Cork:

Dr. Derek Bridge (Senior Lecturer)
Department Of Computer Science,
University College Cork,
Telephone No: 021 4902133

Christian Brothers College Cork:

Mr. Tony McCarthy (Vice Principal)
Christian Brothers College,
Cork City.
Telephone No: 021 4501653

Analog Devices B.V.

Mr. Tony Dunworth (Senior Software Engineer)
Analog Devices,
Raheen Industrial Estate,
Co. Limerick.
Telephone No: 061 302263