

COMPETENCY STATEMENT

March 2015

Rocudo is a Technology/Applications Developer with a focus on Audio & Music Technologies for Web, Mobile and TV Applications.

Rocudo was founded in 2004 by CEO Culann Mac Cabe, PhD and is based in the National University of Ireland, Galway.

Rocudo draws on in-house and academic expertise to develop and deliver Basic Research, Intellectual Property and turn-key Applications to a range of international customers.

This document is a listing of Company Competencies, based on past and current projects, training and ongoing in-house research.

CONTENTS

ROCUDO COMPETENCIES.....	2
CONTACT INFORMATION	3

Key Competencies

Basic Research

- Audio Digital Signal Processing and Algorithm Development
- Product Research, Development and Management

Audio Algorithm Development

- Research and Development of audio signal processing algorithms
- Embedded DSP development (Assembly, C)

Web Development

- HTML5, CSS, Javascript, Web Audio & Video
- Back end/Cloud: Amazon S3, EC2

Mobile/Tablet App Development

- iOS & Android App Development, with focus on Audio, GPS, Cloud, JSON, Bluetooth, Advanced UIs

Set-Top Box Application Development

- Linux-based Audio
- HTML5/CSS User Interface Development
- Middleware-based Application Development: Wyplay

Generative Graphics

- Advanced run-time generative graphics for music visualisations
- Novel User Interfaces based on run-time generative graphics

Music Technologies

- Audio plug-ins for popular DAW platforms (TDM/RTAS, VST, DirectX)
- Proprietary audio compression algorithm (Apt-X™) implementation
- Interfaces: MIDI, OSC, RS422

Social & Music APIs

- Facebook, Twitter, SoundCloud, Spotify, iTunes

Desktop Application Development

- C#, .Net Framework for Windows; Cocoa Framework for Apple Mac

Contact Information

Culann mac Cabe, CEO

- Mail: culann@rocudo.com
- LinkedIn: <https://www.linkedin.com/in/culannmaccabe>